COMMENCEMENT

DECEMBER 18, 1999

The University of North Carolina at Chapel Hill

THE WHOLE LIFE OF NORTH CAROLINA FROM 1795 TO TODAY HAS BEEN FLAVORED BY MEN [AND WOMEN] GOING OUT FROM THE UNIVERSITY OF NORTH CAROLINA.

ALBERT COATES, 1989

Digitized by the Internet Archive
in 2013

http://archive.org/details/commencement19991999univ_0

Mid-Year Commencement

The University of North Carolina at Chapel Hill

Sunday, December Eighteenth
Nineteen Hundred and Ninety-Nine

Greetings

Dear Graduates:

When you arrived in Chapel Hill to pursue your education, you had very little in common with one another. You came from every state in the Union and all corners of the globe, as well as disparate economic, educational, social, and family backgrounds. Today, you are leaving as a diverse group, too: trained as teachers, nurses, librarians, business professionals, scientists, writers, and more. Yet despite the many differences, you are all united by your shared experiences at this great University – a bond that encompasses not only your fellow classmates who are graduating today, but also the more than 200,000 alumni who have come before you. Each of you has felt the benefits of attending this venerable institution and experienced the magic of this special place. And each of you will see doors opened throughout your lifetime as the result of your years here and your degree that bears the words "The University of North Carolina at Chapel Hill."

Indeed, Carolina has helped make you what you are today. It has helped pave the career path you have chosen to pursue. It has opened your mind to new disciplines and new ideas. It has introduced you to lifelong friends and mentors. And it has prepared you well for the hard decisions and challenges that await you. The lessons you have learned here – both inside the classroom and out – will travel with you as you leave Chapel Hill and serve you well.

On this special occasion, as you reminisce about the years you spent at Carolina and the outstanding education you received here, I encourage you to consider how you can put that learning to work not only for yourself, but also for others. Wear your Carolina colors proudly, and share the wisdom and experience that came with your degree. Remember the importance of giving something back to society, and look for ways to use the skills and talents you honed here to make the world a better place.

Finally, as you enter a new chapter in your life, remember that you can come home again – despite what your fellow alumnus Thomas Wolfe wrote so many years ago! The University's door is always open, and it is my fondest hope that you frequently will take the opportunity to return to Chapel Hill and reconnect with your alma mater. Be assured that the Carolina family awaits you with open arms.

Congratulations and best wishes!

William O. McCoy
Interim Chancellor

Table of Contents

2 Greetings from the Chancellor

4 Alma Mater, "Hark the Sound"

5 The Commencement Program

6 Board of Trustees

7 Class of 2000 Leaders

7 Graduate and Professional Student Federation Officers

8 Interim Chancellor

8 Commencement Speaker

9 Notes on Academic Dress

9 Explanation of Degree Abbreviations

10 Candidates for Degrees in December 1999

26 Degrees Awarded in August 1999

36 A Message to Carolina's Newest Alumni

36 Commencement Committee

Candidates for December 1999 degrees are expected to complete degree requirements at the conclusion of the fall semester. Degrees are officially conferred on December 31, 1999.

Graduates and guests are invited to a reception on the Smith Center concourse after Commencement. Graduates will recess to the reception area at the ceremony's end.

Alma Mater

The words of "Hark the Sound," UNC-Chapel Hill's alma mater, were written in 1897 by William Starr Myers, a graduating senior. The Glee Club director asked Myers to put words to the tune "Amici," and the song was first performed on June 2, 1897, as part of the Glee Club's Commencement performance in Gerrard Hall.

Soon the song was almost forgotten. When a University quartet tried a few years later to remember the words, they could recollect only the first verse and the chorus of Myers' original version. Two members of the quartet, Charles S. Mangum and Charles T. Woollen, added two verses to the one they remembered. Mangum later became a professor in the School of Medicine, and Woollen worked as the University's business manager and controller.

Hark the Sound

Hark, the sound of Tar Heel voices
Ringing clear and true,
Singing Carolina's praises,
Shouting N.C.U!

Hail to the brightest star of all!
Clear its radiance shine!
Carolina, priceless gem,
Receive all praises thine.

For Your Information

A sign language interpreter will be on the platform. A student marshal or Disability Services staff member can advise persons with hearing impairments about seating from which to view the interpreter.

This Commencement program is printed prior to administering final examinations. Therefore, including degree candidates' names in this program does not represent certification that candidates have satisfactorily completed degree requirements.

Every effort has been made to ensure the accuracy of this program's content. Any omissions or errors are unintentional.

The Commencement Program

Concert by the University Band	Jeffrey W. Fuchs, Director
Academic Procession	*The Faculty Marshal* Ronald W. Hyatt, Professor of Physical Education, Exercise and Sport Science *The Chief Student Marshal* Danya N. Ledford, President of the Class of 2000
The Official Party *Marshals from the Class of 2000 will lead the groups to their seats.*	The Faculty The Candidates for the Degrees of Doctor of Philosophy, Doctor of Education, and Doctor of Public Health The Candidates for Master's and Professional Degrees The Candidates for Baccalaureate Degrees
Presiding	William O. McCoy, Interim Chancellor of The University of North Carolina at Chapel Hill
National Anthem	Stafford Wing, Associate Professor of Voice, Department of Music, *with the Entire Assemblage*
Remarks	*For the Board of Governors of The University of North Carolina* Benjamin S. Ruffin, Chair *For the University of North Carolina* Rosalind Fuse-Hall, Secretary *For the Board of Trustees of The University of North Carolina at Chapel Hill* Anne W. Cates, Chair *For the General Alumni Association* William P. Ayock, Chair *For the Graduate and Professional Student Federation* C. Lee Conner, President *For the Class of 1999* Willie E. Alston Jr., Vice President
Introduction of the Commencement Speaker	Danya N. Ledford, President of the Class of 2000
Commencement Address	M. Bland Simpson III *Assistant Professor, Department of English* *Vocal accompaniment by Bernard Harris and Friends*
Introduction of Deans, Conferring of Degrees, and Chancellor's Charge to the Graduates	William O. McCoy
"Hark the Sound"	Stafford Wing, *with the Entire Assemblage*
Academic Recessional	*Please remain in place for the recessional of the Official Party, Faculty, and Candidates for Degrees — led by the Faculty Marshal and Marshals of the Class of 2000. After the recessional, all guests are invited to attend a reception on the concourse.*

Board of Trustees

The UNIVERSITY *of* NORTH CAROLINA *at* CHAPEL HILL

Anne W. Cates
Chair, Chapel Hill, N.C.

William R. Jordan
Vice Chair, Fayetteville, N.C.

David E. Pardue Jr.
Secretary, Burlington, N.C.

William J. Armfield IV
Greensboro, N.C.

Timothy B. Burnett
Greensboro, N.C.

Walter R. Davis
Chapel Hill, N.C.

James E. S. Hynes
Charlotte, N.C.

Jean Almand Kitchin
Rocky Mount, N.C.

Charles A. Sanders
Chapel Hill, N.C.

Richard Y. Stevens
Cary, N.C.

Cressie H. Thigpen Jr.
Raleigh, N.C.

Richard T. Williams
Chapel Hill, N.C.

Nicholas P. Heinke
Ex Officio, Chapel Hill, N.C.

Officers of the Class of 2000

Danya N. Ledford
President

Minesh R. Patel
Treasurer

Willie E. Alston Jr.
Vice President

Brooksie A. Broome
Secretary

Ishna J. Hall
Senior Advisor

Erin L. Petty
Chief Marshal

Graduate and Professional Student Federation Officers

C. Lee Conner
President

J. Malcolm Logan
Chief of Staff

Laura M. Snead
Internal Vice President

Caryn B. Madison
Secretary

George L. Jackson
External Vice President

Bryan W. Wenter
Treasurer

Marshals of the Class of 2000

Callie Adkins
Dawn Anderson
Matt Bardill
Melanie Bond
LaSandra Boykin
Heather Brownley
Meredith Burleson
Ivan Canada
David Chapman
Rebekah Close
Murray Coleman
Nicole Cosby
Rebecca Daughtridge
Jason Dingess
Bianca D'Souza
Vanessa Ellis
Rebecca Erwin
Nicole Forbes
Stephanie Franklin
Donald Gardner
Vik Gongidi
Mandy Greene
Kaitlin Gurney
David Hall
Erika Hamilton
Carlton Hawkins
Katy Heath
Balkees Jarrah
Nicole Jeffers
Jerri Kallam
Eric Kuker
Joanna Lyndrup
Apurva Majmundar
Francine Mangundayao
D'Asia Morris
James O'Neal
Joseph Parker
Anna Powell
Paul Puryear
Melissa Putman
Molly Putman
Kathryn Randolph
Mehul Raval
Elizabeth Robertson
Carrie Roberts
Robert Sanborn
Connie Sawyer
Bill Schmitt
Sarah Schweitzer
Shannon Smith
David Umphlett
Rashida Waddell
Margaret Williams
Ward Zimmerman

William O. McCoy, Interim Chancellor

William O. McCoy, a devoted and loyal alumnus who has been a key volunteer for years, is the interim chancellor of The University of North Carolina at Chapel Hill. University of North Carolina President Molly Corbett Broad named him to the post on July 9, 1999, after Chancellor Michael Hooker died following a six-month battle with lymphoma. McCoy previously served as acting chancellor while Hooker was on medical leave in April and May of 1999.

McCoy retired last January as vice president for finance of the sixteen-campus University of North Carolina. He joined UNC General Administration in 1995 after a 35-year career with the BellSouth Corporation, where he retired as vice chairman of the board. As the UNC vice president, he was credited with raising the bar of expectations for sound management, productivity and efficiency, and fiscal integrity across the sixteen-campus university. His solid credibility with the N.C. General Assembly also helped secure additional support and fiscal flexibility for the university.

A native of Snow Hill, McCoy holds a bachelor's degree in business administration from UNC-Chapel Hill, where he graduated Phi Beta Kappa in 1955. He later earned a master's degree in management from the Massachusetts Institute of Technology, where he was a Sloan Fellow.

After graduating from Carolina, McCoy served as a United States Marine Corps pilot before beginning his business career with Southern Bell in Charlotte. Progressing through a variety of executive positions with Southern Bell, South Central Bell and AT&T, McCoy was named chief financial officer-designate of BellSouth when the regional telecommunications company was formed in 1982. He was elected vice chairman of BellSouth Corporation in 1983 and president of BellSouth Enterprises in 1986.

He is a member of the boards of Kenan Transport Company, Carolina Power and Light Company, Liberty Corporation of Greenville, S.C., and Weeks Corporation in Atlanta. He serves as a trustee of Fidelity Investments in Boston and as a partner of Franklin Street Partners, a Chapel Hill investment management company. He spent fifteen years on the board of First American Corporation, a bank holding company in Nashville.

A staunch Carolina supporter, McCoy has served as chairman of the University's National Development Council and a member of the Bicentennial Campaign for Carolina Steering Committee and the Board of Visitors. He is a member of the Kenan-Flagler Business School's Board of Visitors and, since January, has served as a director of the new UNC Health Care System.

McCoy and his wife, Sara, have two adult daughters, Kathleen and Laura.

Bland Simpson, Commencement Speaker

Bland Simpson's exploration of North Carolina and its heritage has manifested itself in books, musical plays, film scripts, a musical group, and a creative writing position at The University of North Carolina at Chapel Hill.

In musical theater, Simpson has collaborated on such popular shows as *Diamond Studs*, *King Mackerel & the Blues are Running*, and *Kudzu*. Since 1986 he has been the pianist for Chapel Hill's internationally acclaimed string band, The Red Clay Ramblers, and has toured with the group extensively in North America, Europe, the Middle East, and North Africa. As a Rambler, he contributed to the scores of Sam Shepard's 1988 film *Far North* and 1994 feature *Silent Tongue*, and helped create the clown musical *Fool Moon*, which won a Special Tony Award earlier this year following its third hit run on Broadway.

Simpson's roots in Eastern North Carolina led to his authorship of *Into the Sound Country: A Carolinian's Coastal Plain*, a 1997 University of North Carolina Press release that also contains original photography by his wife Ann Cary Simpson, associate director of development at UNC-Chapel Hill's Institute of Government. *Into the Sound Country* was called the "finest work on coastal Carolina in years" by the N.C. Wildlife Federation, which named Simpson "Conservation Communicator of the Year," a 1998 Governor's Conservation Achievement Award. Simpson's other works include *The Mystery of Beautiful Nell Cropsey: A Nonfiction Novel*; *The Great Dismal: A Carolinian's Swamp Memoir*; and *Heart of the Country: A Novel of Southern Music*.

Simpson received a bachelor of arts degree from UNC-Chapel Hill in 1973, returned as a lecturer in the creative writing program in 1982, and is an assistant professor of English. The N.C. Folklore Society named him the 1999 Brown-Hudson Award winner for his literary and musical ties to state and regional heritage, and the International Television Association gave him a 1996 Silver Reel Award of Merit for his short film script *Elizabeth City: Portrait of a Coastal Community*.

"The University and the state it serves are of utmost importance to me," he said. "This commencement is a wonderful moment to say something about the relationship of the University to the state."

Notes on Academic Dress

The following information, condensed from *An Academic Costume Code and Ceremony Guide* and published by the American Council on Education, may be helpful in identifying academic attire worn during today's ceremony.

The history of academic dress dates back to the European Middle Ages when scholars at the oldest universities were clerics. Capes with hoods and warm caps were needed in cold, drafty buildings. The desire for a uniform appearance ("well born, well turned-out, and somewhat learned," read one medieval formula) and for marks to distinguish bachelor's, master's, and doctoral degree candidates led to today's academic costume. In 1895, representatives from American colleges and universities met at Columbia University and fashioned a standard code of academic dress for this country. The code, modified in 1959, is still in force. The costumes, colors, trimmings, and patterns you see are traditional, and refer to the specific degree and field of study.

The bachelor's gown, designed to be worn closed, has pointed sleeves. The master's gown, which may be worn open or closed, has an oblong sleeve, open at the wrist, that hangs nearly to the ground; the back part of its oblong shape is square cut and the arc in the front is cut away. The doctor's gown may be worn open or closed, and has bell-shaped sleeves.

Bachelors' and masters' gowns are untrimmed. Doctors' gowns are usually faced with black velvet, with three bars across the sleeves, although the color of the velvet may vary according to the field of study. Some doctoral candidates may wear a unique Carolina blue gown that features dark blue facings and crossbars outlined in white piping. Hoods, which differ in length for the three degrees, are lined with official colors of the university or college that conferred the degree, usually with one color forming a chevron pattern over the other. Some colors you will see on faculty and administrators' robes are: the crimson of Harvard, the maroon of Chicago, the light blue and white of North Carolina, the orange and black of Princeton, and the dark blue of Yale.

Hoods also are edged and bound with velvet in the color appropriate to the field of study. You will see many hoods in our procession edged with dark blue, for doctor of philosophy (Ph.D.). The colors in the hoods and gowns of faculty represent the following fields in which degrees were taken:

Apricot: Nursing
Brown: Fine Arts
Citron: Social Work
Crimson: Journalism
Dark Blue: Philosophy
Golden Yellow: Science
Green: Medicine
Lemon-Yellow: Library Science
Light Blue: Education
Lilac: Dentistry
Olive-Green: Pharmacy
Orange: Engineering
Peacock Blue: Public Administration
Pink: Music
Purple: Law
Sage Green: Physical Education
Salmon Pink: Public Health
Scarlet: Theology
Yellow-Brown: Commerce, Business, Accountancy
White: Arts, Letters, Humanities

Degree Abbreviations

The following list explains the abbreviations of degrees conferred on students at UNC-Chapel Hill.

A.B.: Bachelor of Arts
A.B.Edu.: Bachelor of Arts in Education
A.B.Jo.M.C: Bachelor of Arts in Journalism and Mass Communication
B.F.A.: Bachelor of Fine Arts
B.Mus.: Bachelor of Music
B.M.Educ.: Bachelor of Music Education
B.S.Ad.Ju.: Bachelor of Science in Administration of Criminal Justice
B.S.App.Sc.: Bachelor of Science in Applied Science
B.S.B.A.: Bachelor of Science in Business Administration
B.S.Biol.: Bachelor of Science in Biology
B.S.Chem.: Bachelor of Science in Chemistry
B.S.C.L.S.: Bachelor of Science in Clinical Laboratory Science
B.S.D.H.: Bachelor of Science in Dental Hygiene
B.S.Dent.: Bachelor of Science in Dentistry
B.S.Geol.: Bachelor of Science in Geology
B.S.Math.: Bachelor of Science in Mathematics
B.S.M.S.: Bachelor of Science in Mathematical Sciences
B.S.M.T.: Bachelor of Science in Medical Technology
B.S.Med.: Bachelor of Science in Medicine
B.S.N.: Bachelor of Science in Nursing
B.S.Phar.: Bachelor of Science in Pharmacy
B.S.Phys.: Bachelor of Science in Physics
B.S.Psyc.: Bachelor of Science in Psychology
B.S.P.H.: Bachelor of Science in Public Health
B.S.R.S.: Bachelor of Science in Radiologic Science
B.S.S.T.: Bachelor of Science in Science Teaching
Cert.Dent.Hy.: Certificate in Dental Hygiene
C.A.S.I.L.S.: Certificate of Advanced Study in Information and Library Science
C.Gr.Ed.: Certificate of Graduate Study in Education
D.D.S.: Doctor of Dental Surgery
D.P.H.: Doctor of Public Health
Ed.D.: Doctor of Education
J.D.: Juris Doctor
M.Acctg.: Master of Accounting
M.A.: Master of Arts
M.A.T.: Master of Arts in Teaching
M.B.A.: Master of Business Administration
M.D.: Doctor of Medicine
M.Ed.: Master of Education
M.F.A.: Master of Fine Arts
M.H.A.: Master of Health Care Administration
M.Mus.: Master of Music
M.P.A.: Master of Public Administration
M.P.H.: Master of Public Health
M.R.P.: Master of Regional Planning
M.S.: Master of Science
M.S.E.E.: Master of Science in Environmental Engineering
M.S.I.S.: Master of Science in Information Science
M.S.L.S.: Master of Science in Library Science
M.S.N.: Master of Science in Nursing
M.S.P.H.: Master of Science in Public Health
M.S.R.A.: Master of Science in Recreation Administration
M.S.W.: Master of Social Work
Ph.D.: Doctor of Philosophy

Candidates for Graduate Degrees December 1999

The Graduate School

Established 1876

Dean Linda Dykstra

Doctor of Philosophy

Degree candidates' names are followed by their area of major study, dissertation or project title, and the name of their doctoral adviser.

Nancy Grace Aaron, *Romance Languages*, San Juan De La Cruz' Symbol of Night: Thought and Poetic Structure. Under the direction of Professor Angel Cilveti.

Jennifer C. Adam, *Biology*, Functional Analysis of *Drosophila* Septins. Under the direction of Professor John R. Pringle.

Kyujeong Ahn, *Biochemistry*, Characterization of the Biosynthetic Pathway of Procathepsin L, a Lysosomal Cysteine Protease in Mouse Fibroblasts. Under the direction of Professor Ann H. Erickson.

Jane Elise Alden, *Music*, Makers of a Songbook: The Scribes of the Laborde Chansonnier. Under the direction of Professor John Nádas.

Lisa Aldred, *Anthropology*, Consuming Changing Woman: Euroamerican Commodification of Diné Land and Religion. Under the direction of Professor Judith B. Farquhar.

Robert Allen Alexander, *Oral Biology*, The Regulation of the Humoral Immune Response by Ly-6A/Stem Cell Antigen – 1. Under the direction of Professor Patrick Flood.

Kevin Wayne Arthur, *Computer Science*, Effects of Field of View on Performance with Head-Mounted Displays. Under the direction of Professor Frederick P. Brooks Jr.

Sandra Jane Bardsley, *History*, Scolding Women: Cultural Knowledge and the Criminalization of Speech in Late Medieval England, 1300 – 1500. Under the direction of Professor Judith Bennett.

Eugenia Moraes Bastos, *Epidemiology*, Epidemiological and Molecular Characteristics of Borderline and Malignant Epithelial Ovarian Tumors. Under the direction of Professor Robert Millikan.

Rui Bastos, *Computer Science*, Superposition Rendering: Increased Realism for Interactive Walkthroughs. Under the direction of Professor Frederick P. Brooks Jr.

David A. Battigelli, *Environmental Sciences and Engineering*, Removal of Model Enteric Viruses by Conventional Water Treatment and Lime Softening. Under the direction of Professor Mark Sobsey.

Debra Elizabeth Best, *English*, Recovering Romance Redundancy: Monsters and the Threat to Medieval Cultural Institutions. Under the direction of Professor Joseph Wittig.

Laura Billings, *Curriculum and Instruction*, Discussion in the High School – An Examination of Sociolinguistic Roles. Under the direction of Professor Jill Fitzgerald.

Carrie Galloway Blackstock, *English*, Poetic Affirmations: The Gift of A. R. Ammons. Under the direction of Professor John McGowan.

Marielle Anita Blais, *English*, Food, Clothing, and Shelter: Uses and Abuses of Material Necessities in *Piers Plowman* B. Under the direction of Professor Joseph S. Wittig.

Kimberly Drusilla Blake, *Psychology*, Attributional Involvement in Marital Relationships. Under the direction of Professor Dianne Chambless.

Caryn Carson Borg-Breen, *Chemistry*, Synthesis and Investigation of the Redox Properties of Platinum-Linked Metallophosphine Clusters: Model Systems for Extended One-Dimensional Cluster Arrays. Under the direction of Professor Cynthia K. Schaver.

Jill Bouma, *Sociology*, The Influence of Gender on Education and Job Mobility in Contemporary China. Under the direction of Professor Barbara Entwisle.

Fredrick DuBois Bowman, *Biostatistics*, A Strategy for Obtaining Inferences about Projected Completors in Longitudinal Studies with Nonignorable Dropout. Under the direction of Professors Pranab K. Sen and Paul W. Stewart.

Elizabeth Kelley Boyles, *School Psychology*, Prediction of Parent/Child Discussions about AIDS. Under the direction of Professor Rune Simeonsson.

Edith Estes Bragdon, *Psychology*, Cardiovascular and Pain Responses to Stress in Healthy Adults and TMD Patients. Under the direction of Professor Kathleen C. Light.

Stacy Lorraine Braukman, *History*, Anticommunism and the Politics of Sex and Race in Florida, 1954-1965. Under the direction of Professor Jacquelyn Dowd Hall.

Paul Ryan Brewer, *Political Science*, Values, Public Debate, and Policy Opinions. Under the direction of Professor Marco Steenbergen.

Sarah J. Broome, *Economics*, Do Managed Care and Market Competition Lower Hospital Nursing Quality? Under the direction of Professor Helen Tauchen.

David Lee Bull, *Health Policy and Administration*, Factors Affecting Child Immunization Uptake in Developing Countries: The Case of Bolivia. Under the direction of Professor James Vency.

Susan Burger, *Nursing*, The Impact of New Jersey Welfare Reform Policy on Health-Related Organizations and Communities. Under the direction of Professor Nancy Milio.

Julianna Marie Cruse Burgess, *Curriculum and Instruction*, Reflections of Student Teachers: Comparisons among Five Models of Reflective Thought. Under the direction of Professor William S. Palmer.

Jerry Becker Cabalo, *Chemistry*, Charge Density Effects and Thermal Decomposition in Two-Laser Aerosol Mass Spectrometry. Under the direction of Professor Tomás Baer.

Thomas Watson Cadwallader, *Psychology*, Moving Targets: A Longitudinal Analysis of Adolescent Development. Under the direction of Professor Robert B. Cairns.

Ying-Chun Cai, *Chemistry*, Interaction of Mammalian Mitochondrial Elongation Factor EF-Tu with Guanine Nucleotides, Aminoacyl-tRNA and Elongation Factor EF-Ts. Under the direction of Professor Linda L. Spremulli.

Banu Cakir, *Epidemiology*, Association of the Lewis Genotype with Subclinical Carotid Atherosclerosis and Major Cardiovascular Risk Factors. Under the direction of Professor Gerardo Heiss.

Ian James Caley, *Microbiology*, Immune Responses to Venezuelan Equine Encephalitis Virus and Vaccine Vectors. Under the direction of Professor Robert E. Johnston.

Kathleen E. Callery, *Nursing*, The Role of Stigma and Psycho-Social Factors on Perceived Caregiver Burden in HIV/AIDS Gay Male Caregivers. Under the direction of Professor Merle Mishel.

Ann Gibaldi Campbell, *English*, Virginia Woolf's Coming to Writing. Under the direction of Professor Howard Harper.

David Christopher Campbell, *Geology*, Evolution of the Bivalvia: Comparison of Morphological and Molecular Evidence. Under the direction of Professor Joseph G. Carter.

Carl Edward Carey Jr., *Education Psychology*, Academic Achievement Motivation in African American College Football Players: An Investigation of Educational Expectations and Values. Under the direction of Professor Judith L. Meece.

Kerstin Alice Carlson Le Floch, *Education Organization and Policy Studies*, The Politics of Early Childhood Education: Legislative Cases from North Carolina and France. Under the direction of Professor Catherine Marshall.

Charlotte Adele Carroll, *Chemistry*, I. A Mechanistic Study of the Intramolecular [2+2] Photocycloaddition of Enedione/Alkene Systems. II. Studies toward the Total Synthesis of Levcascandrolide A. Under the direction of Professor Michael T. Crimmins.

Susan Deborah Biegel Carson, *Microbiology*, Characterization and Genetic Regulation of *Feta*, the Gonococcal Siderophore Receptor. Under the direction of Professor P. Frederick Sparling.

John Patrick Carvalho, *Journalism and Mass Communication*, Surfing Lessons for the Internet: How the Social Setting Affects College Students' Uses and Gratifications. Under the direction of Professor Debashis Aikat.

Carl D. Cavalli, *Political Science*, Presidential Legislative Activity: Developing and Using a Quantifiable Measure of Presidential Behaviors. Under the direction of Professor Terry Sullivan.

Robert Anthony Cavallo, *Genetics*, Two Partners for Armadillo in Cell Adhesion and Signal Transduction. Under the direction of Professor Mark A. Peifer.

Luenda Esther Charles, *Epidemiology*, Occupational Exposures and Prostate and Kidney Cancer Mortality in Electric Utility Workers. Under the direction of Professor Dana Loomis.

Elizabeth Chew, *Art*, Female Art Patronage and Collecting in Seventeenth-Century Britain. Under the direction of Professor Helen Hills.

Allison Laura Choy, *Chemistry*, An Asymmetric Aldol-Ring Closing Metathesis Strategy for the Enantioselective Construction of Six-to-Nine-Membered Oxygen Heterocycles. Under the direction of Professor Michael T. Crimmins.

Steven J. Clancy, *Slavic Languages*, The Chain of BEING and HAVING in Slavic with a Focus on Russian, Czech, Polish, and Bulgarian. Under the direction of Professor Laura A. Janda.

Christopher Scott Coffey, *Biostatistics*, Internal Pilot Study Design and Analysis for Linear Models with Gaussian Errors and Fixed Predictors. Under the direction of Professor Keith E. Muller.

Mary Marie Cornish, *Curriculum and Instruction*, Patriarchs, Pawns, and Pluralists: Parent and Business Participation in Three North Carolina Early Childhood Reform Partnerships. Under the direction of Professor George Noblit.

Elizabeth Jennings Craig, *Romance Languages*, Victor Hugo's Public Sphere. Under the direction of Professor Stirling Haig.

Laura Crane, *Chemistry*, Regioselective Substitution and Cyclodehydration Reactions of Carbohydrate 1,3,2l5-Dioxaphospholanes. Under the direction of Professor Slayton A. Evans Jr.

David Cranford, *Psychology*, Clinical Diagnostic Biases: The Moderating Roles of Clinician Cognitive Complexity, Diagnostic Difficulty, and Patient Race. Under the direction of Professor Bernadette Gray-Little.

Valerie Matthews Crawford, *English*, Middle Ground: Frank Yerby's Novels in the African American Literary Tradition. Under the direction of Professor Trudier Harris.

Kelley A. Crews-Meyer, *Geography*, Placing Landscape Change Trajectories in a Spatially Explicit Context: Integration of GISc, Landscape Ecology, and Geographic Accessibility in Northwest Thailand. Under the direction of Professor Stephen J. Walsh.

David Thomas Cunningham, *Sociology*, Organized Repression and Movement Collapse in a Modern Democratic State. Under the direction of Professor Peter S. Bearman.

Julie Lynn Daniels, *Epidemiology*, Occupational and Residential Exposure to Pesticides and the Risk of Neuroblastoma. Under the direction of Professor Andrew F. Olshan.

Clare J. Dannenberg, *Linguistics*, Sociolinguistic Constructs of Ethnic Identity: The Syntactic Delineation of Lumbee English. Under the direction of Professor Walt Wolfram.

Michelle Susan Davis, *Epidemiology*, Sociodemographic and Health Care Determinants of Contraceptive Use for United States Women during 1995. Under the direction of Professor Victor Schoenbach.

Tracey Cameron Dawson, *Pathology*, Chemokine Receptors in Inflammatory Disease: Studies Using Chemokine Receptor Knockout Mice. Under the direction of Professor Nobuyo Maeda.

Beth Olivia Day-Hairston, *Special Education*, General Educators' Perceptions of Knowledge, Skills, and Strategies in Teaching Students Identified as Behaviorally Emotionally Disabled in Inclusive Settings. Under the direction of Professor James J. Gallagher.

C. Margaret Deatherage, *Curriculum and Instruction*, Teacher, Student, and Parent Interests and Attitudes Regarding Mathematics. Under the direction of Professor Barbara Day.

M. Lela Demby-Lawson, *Psychology*, Proactive and Reactive Aggression among Juvenile Sex Offenders: Subtypes of Aggression as a Means of Classification. Under the direction of Professor Janis Kupersmidt.

Anne H. DeVries, *Public Policy Analysis*, Adapting to Environmental Regulation: How Trade Journals Reduce the Transaction Costs of Technological Change. Under the direction of Professor Richard N. L. Andrews.

Rebecca Din-Dzietham, *Epidemiology*, Ethnicity, Cardiovascular Autonomic Control, and Arterial Stiffness: The Atherosclerosis Risk in Community Study. Under the direction of Professor Gerardo Heiss.

Amy Elizabeth Haugh Dodds, *School Psychology*, Initial Referral of Students for Exceptional Children's Services: Expectations and Perceptions of Families and Professionals. Under the direction of Rune J. Simeonsson.

Catherine Leota Dollard, *History*, The Surplus Woman: Unmarried in Imperial Germany, 1871 – 1918. Under the direction of Professor Konrad Jaraosch.

Jane McManus Eastman, *Anthropology*, The Sara: Siouan Communities in the Piedmont's Interior from A.D. 1000 to 1700. Under the direction of Professor Vincas P. Steponaitis.

William A. Eckert III, *Physiology*, Opioid-Evoked, Inhibitory Postsynaptic Responses and Morphology of Rat Spinal Substantia Gelatinosa Neurons. Under the direction of Professor Alan R. Light.

John R. Eiler, *Economics*, The Demand for New Features of Durable, Differentiated Products: The Case of Automobile Air Bags. Under the direction of Professor Helen Tauchen.

Frank Edward Fee Jr., *Journalism and Mass Communication*, Measuring Disconnect: A Case Study of Readers and Journalists. Under the direction of Professor Philip Meyer.

Marnita Floyd, *Psychology*, MMPI-2 and PCL-R Characterisitics of Incarcerated Women. Under the direction of Professor Bernadette Gray-Little.

Richard Evan Frankel, *History*, Bismarck's Shadow: The Iron Chancellor and the Crisis of German Leadership, 1898-1945. Under the direction of Professor Konrad H. Jarausch.

Sylvia A. Frazier, *Genetics*, Examining the Role of Cytosine Methylation in Coprinus Cinereus. Under the direction of Professor Patricia J. Pukkila.

Cecil C. Frost, *Biology*, Using Landscape Fire Ecology to Reconstruct Original Vegetation and Presettlement Fire Regimes in the Southeastern United States. Under the direction of Professor Robert Peet.

Ying Gao, *Chemistry*, In-Situ Real Time Study of Complex Oxide Thin Films by Spectroscopic Ellipsometry and Ion Beam Analysis Techniques. Under the direction of Professor E. A. Irene.

Monica Gaughan, *Sociology*, Predisposition and Pressure: Getting Drunk in Adolescent Friendships. Under the direction of Professor J. Richard Udry.

Jerry Bruce Gershenhorn, *History*, Melville J. Herskovits and the Racial Politics of Knowledge. Under the direction of Professor James Leloudis.

Joseph Howard Gerteis, *Sociology*, Class and the Color Line: The Sources and Limits of Interracial Class Coalition, 1880-1896. Under the direction of Professor Peter S. Bearman.

Andrew Lee Goldman, *Classics*, The Roman Settlement and Settlement Patterns at Gordion (Turkey). Under the direction of Professor G. Kenneth Sams.

Linda Beth Gorman, *Pharmacology*, Correction of Aberrant Splicing of Thalassemic B-Globin Pre-mRNA by Modified snRNAs. Under the direction of Professor Ryszard Kole.

Karla Kathleen Gower, *Journalism and Mass Communication*, Exploring the Tension between Liberty and Authority in Free Expression Law through a Comparative Analysis of Canada and the United States. Under the direction of Professor Cathy L. Packer.

Elizabeth Dyanne Griffith, *Political Science*, Split Ticket Voting: Candidate Strategies and Voter Preferences. Under the direction of Professor George B. Rabinowitz.

Alyssa Ann Gulledge, *Genetics*, Study of the Correlation between Elevated Fibrinogen and Atherosclerosis in a Novel Mouse Model of Hyperfibrinogenemia. Under the direction of Professor Susan T. Lord.

Michael Gerard Gunzenhauser, *Social Foundations of Education*, Knowledge Claims and Ethical Commitments: Toward a Moral Epistemology for Critical Ethnography in Education. Under the direction of Professor Lynda Stone.

Darrick Essie Charles Henry Hamilton, *Economics*, A Decomposition and Comparison of Wage Inequality in Wages and Infant Mortality in the United States and Trinidad and Tobago. Under the direction of Professor William Darity Sr.

Katherine Eubanks Hartmann, *Epidemiology*, A Randomized Trial Examining the Effect of Vaginal Preparation on Post-Cesarean Infectious Morbidity. Under the direction of Professor David Savitz.

Anthony Earl Hatcher, *Journalism and Mass Communication*, Smashing Idols: Opening *The Door* to Religious Criticism. Under the direction of Professor Margaret A. Blanchard.

Phillip Herman, *Educational Psychology*, Teacher Efficacy, Teacher Experience, and Student Outcomes. Under the direction of Professor Judith Meece.

Keith Richard Hersh, *Psychology*, Treatment Completion and Recidivison among Incarcerated Sex Offenders. Under the direction of Professor Bernadette Gray-Little.

Jonathan Y. Hill, *Journalism and Mass Communication*, The Big Picture: A Pooled Time Series Analysis of Communications Impact on National Development. Under the direction of Professor Robert L. Stevenson.

Spencer Erich Hochstetler, *Chemistry*, Measurements of Exocytosis and Calcium Dynamics in Isolated Endocrine Cells and Neurons. Under the direction of Professor R. Mark Wightman.

George M. Holmes, *Economics*, Three Essays on the Effect of Federal Subsidies on Physician Location. Under the direction of Professor Thomas Mroz.

Claire Horisk, *Philosophy*, Everyday Meaning and Sunday Truth: Truth in the Theory of Meaning. Under the direction of Professor Louise Antony.

Robin A. Howarth, *City and Regional Planning*, The Effects of Submarket Concentration on Metropolitan Office Market Dynamics – A Comparison across Twenty-Eight Metropolitan Areas. Under the direction of Professor Emil E. Malizia.

Marion R. Hughes, *Sociology*, Early Fatherhood: Social Determinants and Life Course Consequences. Under the direction of Professor Kathleen Mullan Harris.

Brian Timothy Hummer, *Toxicology*, Examination of the Role of Smad4 in TGF-b Signaling. Under the direction of Professor Bernard Weissman.

Kelly Jean Hunt, *Epidemiology*, An Investigation of Arterial Mineralization and Cardiovascular Disease. Under the direction of Professor Gerardo Heiss.

Christopher Howard Hurst, *Toxicology*, Toxicokinetic and Morphogenetic Alterations of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) in Developing Long Evans Rats. Under the direction of Professor Linda Birnbaum.

Nicole Whisnant Hurst, *Toxicology*, Characteristics of a Novel DNA Repair Process in Cells Treated with Ionizing Radiation at the G1/S Border of the Cell Cycle. Under the direction of Professor Steven Leadon.

Christopher Jay Hyatt, *Biomedical Engineering*, A Novel Superfusion Device and Optical Imaging System to Study Border Zone Physiology in Cultured Heart Cell Monolayers. Under the direction of Professor Timothy A. Johnson.

Thea Elise Jackson, *Toxicology*, The Role of Cytochrome P450 2E1 in the Metabolism and Toxicity of 1,3-Butadiene. Under the direction of Professor Leslie Recio.

Jianping Jin, *Biology*, The Structure-Function Study of Coagulation Factor VII by In Vitro Mutagenesis and Computer Simulation. Under the direction of Professors Darrel W. Stafford and David L. Straight.

Robert Arnold Johnson, *Microbiology*, Regulation of Mitogen Activated Protein Kinases Following Human Cytomegalovirus Infection and Possible Functional Consequences. Under the direction of Professor Eng-Shang Huang.

Brett David Jones, *Education Psychology*, Using the Internet to Conduct Scientific Inquiry: A Comparison of High School Students' Motivation and Achievement with Two Levels of Resource Support. Under the direction of Professor Gary B. Stuck.

Jeffrey Wade Jones, *History*, "In My Opinion This is All a Fraud": Class, Concrete, and Culture in the Reconstruction of Rostov-on-the-Don, 1943-1948. Under the direction of Professor Donald J. Raleigh.

Daniel Kahn, *Physics*, Novel Materials: Silicon Clathrates, Carbon Nanotubes and Nanoropes. Under the direction of Professor Jianping Lu.

Robert A. Katz, *Computer Science*, Perception-Based Shape Simplification. Under the direction of Professor Stephen M. Pizer.

Chikoma S. Kazunga, *Environmental Sciences and Engineering*, Products from the Bacterial and Enzymatic Oxidation of Common Aromatic Pollutants. Under the direction of Professor Michael D. Aitken.

Daniel Clay Kelly, *Geology*, Evolutionary Patterns and Processes in Selected Paleogene Lineages of Planktic Foraminifera. Under the direction of Professor Timothy J. Bralower.

Karen Louise Kesler, *Biostatistics*, Multivariate Failure Time Models in the Presence of Informative Cluster Size. Under the direction of Professor Pranab K. Sen.

C. Neal Keye, *Religious Studies*, The Resistance to Reading: Genealogies of Interpretation in Theories of Religion and Culture. Under the direction of Professor Tomoko Masuzawa.

Benjamin Paul Kilpatrick, *Journalism and Mass Communication*, An Exploratory Study of Framing and Public Confidence through Computer Aided Content Analysis. Under the direction of Professor Robert L. Stevenson.

Michaux Renata Kilpatrick, *Neurobiology*, Real Time Measurement of Dopamine Release and Uptake in the Conscious Animal. Under the direction of Professor R. Mark Wightman.

James B. Kirby, *Sociology*, The Wellbeing of Adolescents: Do Co-resident Grandparents Matter? Under the direction of Professors Peter Uhlenberg and Kenneth Bollen.

Jeffrey Edwerth Korte, *Epidemiology*, Psychosocial Stress and Its Relationship to Weight for Gestational Age and Gestational Age at Delivery. Under the direction of Professor Irva Hertz-Picciotto.

Katherine Lorraine Kraft, *Toxicology*, Age-Related Sensitivity to Ozone in Wistar Rats of Four Ages. Under the direction of Professor Robert Devlin.

Steven Jay Lahr, *Biochemistry*, Patterned Library Analysis: A Quantitative Method to Assess Hypotheses Concerning the Determinants of Protein Structure. Under the direction of Professor Marshall Edgell.

Wing Ling Lilian Lai, *Chemistry*, Si/SiO2 Interface Roughness Studies. Under the direction of Professor E. A. Irene.

Lewis Land, *Geology*, Processes and Manifestations of Fluid Exchange at Passive Continental Margins. Under the direction of Professor Charles K. Paull.

Joann Annette Lanza, *Chemistry*, Synthesis and Investigation of the Properties of Transition Metal Linked Homopolymers and Block Copolymers of Styrene and Dimethylsiloxane. Under the direction of Professor Cynthia K. Schauer.

Rita Marie Lauria, *Journalism and Mass Communication*, Inside Information Virtual Reality: An Interface Concept. Under the direction of Professor Frank Biocca.

Tyra M. Leazer, *Toxicology*, Developmental Toxicity Mediated by Induction of the Maternal Acute Phase Response. Under the direction of Professor John Rogers.

Kiho Lee, *Pharmacy*, Novel Mechanisms of Absorptive and Secretory Transport of H2-Antagonists across Intestinal Epithelium. Under the direction of Professor Dhiren Thakker.

John Timothy Lovelace, *English*, A Lasting Crown: The Artistry and Tradition of Tennyson's Battle Poetry. Under the direction of Professor Allan R. Life.

Emily Larson Luebke, *Operations Research*, Euclidean K-Connected Steiner Network Problems. Under the direction of Professor J. Scott Provan.

James MacDougall, *Biostatistics*, Nonparametric Rank-Based Analysis of Longitudinal Data. Under the direction of Professor Pranab Kumar Sen.

Cristie Leigh March, *English*, Exploring Gendered Geo-Textual Space in the Contemporary Scottish. Under the direction of Professor Linda Wagner-Martin.

Jeremy Keith Marmer, *Sociology*, Contextual Influences on the Transition to First Sexual Intercourse: Parent, Peer, and School Effects. Under the direction of Professor Kathleen Mullan Harris.

Barbara Miller Marson, *Information and Library Science*, The Adoption and Implementation of Online Public Access Catalogs in the North Carolina Community College System: A Diffusion Perspective. Under the direction of Professor Evelyn Daniel.

John Jeffrey Martin, *Geography*, A Wind Climatology for the Southeast that is Adjusted for Terrain and Measurement. Under the direction of Professor Peter J. Robinson.

Kevin Eugene Martin, *Computer Science*, Signal Spread in the Barnacle Photoreceptor Axon. Under the direction of Professor Ann E. Stuart.

Randall B. Marx, *Environmental Sciences and Engineering*, The Relationship Between Chemotaxis and Naphthalene Biodegradation by Pseudomonas putida G7. Under the direction of Professor Michael D. Aitken.

Jeffrey Mason, *Neurobiology*, The Cellular and Molecular Mechanisms in the Demyelinating and Remyelinating Processes of the Murine Central Nervous System. Under the direction of Professor Glenn Matsushima.

Glen P. Mays, *Health Policy and Administration*, Managed Care Contracting and Community Health Center Performance. Under the direction of Professor Edward C. Norton.

Kimberly Ann Maxwell, *Chemistry*, Antenna Polymer Mimics for Energy and Electron Transfer Processes in Photosynthesis. Under the direction of Professors Thomas J. Meyer and Joseph M. DeSimone.

John Frederic McBride, *Environmental Sciences and Engineering*, Entrapment and Removal of Dense Nonaqueous Phase Liquids in Porous Media Systems. Under the direction of Professor Cass T. Miller.

Robert Neal McCall, *Economics*, Effects of Local Public Goods on Office Firm Location. Under the direction of Professor Helen Tauchen.

Allyn McConkie-Rosell, *Social Work*, Carrier Testing in Fragile X Syndrome: Effect on Self-Concept. Under the direction of Professor Kathleen Rounds.

Barbara Maud McCormick, *Education*, The Influence of Age and Expertise on Memory Performance in the Adult Population: Implications for Education. Under the direction of Professor Gary Stuck.

Clifford Mark McCormick, *Religious Studies*, Palace and Temple: A Study of Architectural and Verbal /cons. Under the direction of Professor John Van Seters.

Dorothy J. Mebane, *Education*, Factors in a Collaborative Partnership Group Affecting Perceptions of Team and Organizational Learning Outcomes in a Professional Development School. Under the direction of Professor John P. Galassi.

Leah Elizabeth Mechanic, *Biochemistry*, Structure-Function Studies of *E.coli* DNA Helicase 11. Under the direction of Professor Steven Matson.

Chen Meng, *Sociology*, Family and Development in Rural China after the Economic Reforms. Under the direction of Professor Anthony Oberschall.

John Edward Menges, *Computer Science*, Concur: Expanding the Boundaries of Shared Window Systems in Support of Distributed Synchronous Collaboration. Under the direction of Professor Kevin Jeffay.

Karen Mitro Meyer, *Toxicology*, P53-Mediated Signaling: An Investigation of the Differential Response Between Human Mammary Epithelial Cells and Fibroblasts. Under the direction of Professor Steven Leadon.

Darren John Michael, *Chemistry*, Improving Data Acquisition for Fast Scan Cyclic Voltammetry. Under the direction of Professor Mark Wightman.

John Paul Middlesworth, *English*, Epic-Drama in Contemporary American Theater. Under the direction of Professor Laurence D. Avery.

Deidra M. Montague, *Pharmacology*, Dopamine D1A receptor-deficient mice: an examination of D1-like receptors in rodent brain. Under the direction of Professor Richard B. Mailman.

James Moody, *Sociology*, The Structure of Adolescent Social Relations: Modeling Friendship in Dynamic Social Settings. Under the direction of Professor Peter S. Bearman.

Laura Jane Moore, *History*, The Navajo Rug Trade: Gender, Art, Work, and Modernity in the American Southwest, 1870s -1930s. Under the direction of Professor Jacquelyn Dowd Hall.

Teresa Anne Moore, *Nutrition*, Effects of Arginine on Growth Hormone, Body Composition, and Strength. Under the direction of Professors Robert McMurray and Boyd Switzer.

Laura Kaye Moorhead, *Geography*, White Plague in Black L.A.: Tuberculosis among African Americans in Los Angeles, 1930-1950. Under the direction of Professor Melinda S. Meade.

Tanya J. Morgan, *Health Policy and Administration*, The Determinants of Bypassing Obstetrical Services. Under the direction of Professors Lucy A. Savitz and Paul K. Halverson.

Robert Parker Morris Jr., *Geography*, The Effect of Climate Change and Groundwater Depletion on the Lake Levels of the Upper Etonia Creek Basin in North Central Florida. Under the direction of Professor Peter J. Robinson.

Wendy Renae Morse, *Biochemistry*, Regulation of Axon Guidance by Src Family Kinases. Under the direction of Professor Patricia F. Maness.

Mary Margaret Myers, *Business*, The Impact of Taxes on Corporate Defined Benefit Plan Asset Allocation. Under the direction of Professor Douglas A. Shackelford.

Jun Nakamura, *Environmental Sciences and Engineering*, An Imbalance of Base Excision Repair Pathway in Mammalian Cells. Under the direction of Professor James A. Swenberg.

Michael Lee Nicholls, *Geography*, Like Pears on a String: Illinois Central Railroad Town Development, 1851-1870. Under the direction of Professor John Florin.

Pamela E. Noel, *Maternal and Child Health*, Case Management in Treatment for Adolescent Substance Use: An Approach to Program Evaluation. Under the direction of Professor Sandra Martin.

Jeremy J. Ofseyer, *Philosophy*, Huma and the Natural Law Tradition. Under the direction of Professors Simon Blackburn and Gerald J. Postema.

Jonathan Hibbard Parker, *Political Science*, A Model of Policy Reform in the American States. Under the direction of Professor David Lowery.

Mark Anthony Parris, *Computer Science*, Class-Based Thresholds: Lightweight Active Router-Queue Management for Multimedia Networking. Under the direction of Professor Kevin Jeffay.

Joan Deters Pasley, *Curriculum and Instruction*, Systemic Reform in Science Education. Under the direction of Professor Paul B. Hounshell.

Michael Ray Pemberton, *Psychology*, Do Individuals Want Close Others to Improve? Under the direction of Professor Constantine Sedikides.

Tod Perry, *Business*, Essays in Corporate Governance: Incentive Compensation, Independent Outside Directors, and Firm Responses to Poor Performance. Under the direction of Professors Henri Servaes and Marc Zenner.

Jennifer Treeger Peters, *Educational Psychology*, Acts of Will: A Portrait of Volition in a Middle School Shakespeare Program. Under the direction of Professor Judith L. Meece.

Margaret Booth Pierce, *Geography*, Modeling Refugee Migration and Health: Corresponding Crises. Under the direction of Professor Wilbert Gesler.

John Andrew Quinlan, *Marine Sciences*, Interpreting and Explaining Patterns and Processes in the Oceanic Phase of the Atlantic Menhaden (BREVOORTIA TYRANNUS) Life History Using Linked Individual Based and Hydrodynamic Models. Under the direction of Professor Francisco E. Werner.

Kent Ratajeski, *Geology*, Field, Geochemical, and Experimental Study of Mafic to Felsic Plutonic Rocks Associated with the Intrusive Suite of Yosemite Valley, California. Under the direction of Professor Allen F. Glazner.

Anna Lee Remen, *Psychology*, Silencing the Self: An Examination of a Theoretical Explanation for Depression in Women. Under the direction of Professor Dianne Chambless.

Julie Y. Reuther, *Genetics*, A Role for NF-kappa B in Oncogenesis and its Regulation during Apoptosis. Under the direction of Progessor Albert S. Baldwin Jr.

James Wheelis Riely, *Computer Science*, Applications of Abstraction for Concurrent Programs. Under the direction of Professor Jan Prins.

Richard Allen Risehar, *Music*, One Sweet Day: Vocal Ornamentation and Style in the African American Popular Ballad, 1991-1995. Under the direction of Professor John Covach.

Jennifer Lynn Ritterhouse, *History*, Learning Race: Racial Etiquette and the Socialization of Children in the Jim Crow South. Under the direction of Professors Jacquelyn Hall and Suzanne Lebsock.

Nancy M. Rodriguez, *Geology*, Diagenetic Zonation and Authigenic Carbonate Formation within Methane- and Gas Hydrate-Bearing Sedimentary Sections, Offshore Southeastern North America. Under the direction of Professor Charles K. Paull.

Patricia B. Rodriguez, *Special Education*, Mothers and Fathers: The Division of Tasks in Mexican Families of Children with Developmental Disabilities. Under the direction of Professor Don Bailey.

John Chadwick Roper, *Environmental Sciences and Engineering*, Biodegradation and Sequestration of Polycyclic Aromatic Hydrocarbon Contamination in Soils. Under the direction of Professor Frederic K. Pfaender.

Lisa Cameron Rosen, *English*, When the Bough Breaks: Images of Motherhood in Southern Literature. Under the direction of Professor Fred Hobson.

Michael A. Ross, *History*, Justice of Shattered Dreams: Samuel Freeman Miller, the Republican Party, and the Supreme Court. Under the direction of Professors William Barney and Peter Coclanis.

Lee Kristin Sandusky, *Economics*, The Information Effect of Physican Visits and the Prevention of Behavior-Related Illness. Under the direction of Professor Tom Mroz.

Jane Clowney Schroeder, *Epidemiology*, Agricultural and Non-Occupational Risk Factors for t(14;18) Non-Hodgkin's Lymphoma. Under the direction of Professor Andrew F. Olshan.

Sarah Short, *Pharmacology*, Integrin-mediate Regulation of Growth Factor Signaling in Human Endothelial Cells. Under the direction of Professor Rudy Juliano.

Ershela Sims, *Biomedical Engineering*, Development of a Methodology to Predict Metabolic Energy Expenditure from Mechanical Energy Expenditure in Walking. Under the direction of Professors Stephen Quint and Michael Gross.

Ruth A. Shults, *Epidemiology*, Upper Extremity Musculoskeletal Injuries among Carpenters. Under the direction of Professor Dana P. Loomis.

Dani Rachele Smith, *Psychology*, The Effects of Glucocorticoids as Transcription Factors in the Brains of Rats with Cognitive Impairment. Under the direction of Professor Don Lysle.

Pamela A. Palmer Smith, *Nursing*, Care Management and Health Care Delivery System Integration: To What Extent is Care Management used as an Integrating Mechanism within an Organized Health Care Delivery System. Under the direction of Professor Margarete Sandelowski.

Janet Tierney Sorrentino, *History*, Choice Words: The Liturgy of the Order of Sempringham. Under the direction of Professor Richard W. Pfaff.

Luis Alfredo Sosa-Sandoval, *Economics*, Macroeconomic Effects of Corruption. Under the direction of Professor Richard Froyen.

Stephanie Andrea Spadorcia, *Special Education*, Analyzing the Word-, Sentence-, and Passage-Level Demands of Easy Books of Interest to Adolescents. Under the direction of Professor James W. Cunningham.

Holloway Sparks, *Political Science*, Dissident Citizenship: Lessons on Democracy and Courage from Activist Women. Under the direction of Professor Susan Bickford.

Asa T. Spaulding, *English*, Re-Forming the Past: Aesthetics, Politics, and the African American Postmodern Slave Narrative. Under the direction of Professor James W. Coleman.

Tonya Renae Stancil, *Epidemiology*, HIV Testing Patterns in North Carolina. Under the direction of Professor Irva Hertz-Picciotto.

Susan Elizabeth Steck, *Nutrition*, The Relationship between Dietary Intake and Biomarkers of Carotenoids with Supplementation and Ozone Exposure in Humans. Under the direction of Professor Lenore Arab.

George Dewitt Stetten, *Biomedical Engineering*, Automated Indentification and Measurement of Cardiac Anatomy via Statistical Analysis of Medial Primitives. Under the direction of Professor Stephen M. Pizer.

Daniel Philip Stevens, *Oral Biology*, Isolation and Characterization of a T Cell-Derived Elastase Molecule. Under the direction of Professor Pat Flood.

Karen Elizabeth Stohr, *Philosophy*, Virtue Ethics and Virtuous Agency. Under the direction of Professor Thomas E. Hill Jr.

Marie Elizabeth Storaasli, *Education*, Curriculum Review in Medical Education: A Case Study. Under the direction of Professor Frank Brown.

Agajan Suvkhanov, *Physics*, Ion Implantation Doping, Damage Recovery, and Dopant Activation of Epitaxial Gan. Under the direction of Professor Nalin Parikh.

Deborah Elizabeth Swain, *Information and Library Science*, A Communication Model for a Software Engineering Environment. Under the direction of Professor Paul Solomon.

Darla Joan Swann, *School Psychology*, Personal and Social Secondary Conditions among Adolescents with Spina Bifida. Under the direction of Professor Rune J. Simeonsson.

Lisa R. Szykman, *Business*, Consumer Seizing and Freezing: The Influence of the Need for Closure on Consumers' Attitudes, Choices, and Resistance to Change. Under the direction of Professor Paul Bloom.

Rong Tang, *Information and Library Science*, Use of Relevance Criteria across Stages of Document Selection: A Macro-level Analysis. Under the direction of Professor Paul Solomon.

Karen Kruse Thomas, *History*, The Wound of My People: Segregation and the Modernization of Health Care in North Carolina, 1935-1975. Under the direction of Professor James L. Leloudis.

Robert Sullivan Tinkler, *History*, "Ashes of Greatness": Politics and Reputation in the Antebellum World of James Hamilton. Under the direction of Professor William L. Barney.

Bryan Edward Vizzini, *History*, State of Siege: Republicanism and the Civic Mailitia in Guanajuato, Mexico-1823-1835. Under the direction of Professor John Chasteen.

Angelica S. Vrablic, *Nutrition*, ET-18-OCH3: A Novel Inhibitor of Phosphatidylcholine Synthesis that Induces Apoptosis in Hepatocytes. Under the direction of Professor Steven H. Zeisel.

Thomas Anthony Walke, *Health Policy and Administration*, Impact of a VA Educational Intervention on Primary Care Processes and Outcomes. Under the direction of Professor Kerry E. Kilpatrick.

Hans Weber, *Computer Science*, Predictive Head Tracking Using a Body-Centric Coordinate System. Under the direction of Professor T. Gary Bishop.

Gregory Weeks, *Political Science*, The Long Road to Civilian Supremacy over the Military: Chile 1988-1998. Under the direction of Professor Lars Schoultz.

Jonathan Daniel Weiler, *Political Science*, Human Rights in Post-Soviet Russia: Progress or Regression? Under the direction of Professor Barbara Hicks.

Daniel Edward Wessell, *Biomedical Engineering*, Rotating Slant-Hole Single Photon Emission Computed Tomography. Under the direction of Professor Benjamin M. W. Tsui.

Beth Elise Whitaker, *Political Science*, Disjunctured Boundaries: Refugees, Hosts, and Politics in Western Tanzania. Under the direction of Professor Catherine Newbury.

Michael L. Whitfield, *Biochemistry and Biophysics*, The Cytoplasmic Role and Cell Cycle Regulation of Histone Stem-loop Binding Protein. Under the direction of Professor William F. Marzluff.

Katherine Ann Wildman, *Maternal and Child Health*, Individual and Health Facility Factors Affecting Choice of Health Care Provider among People Seeking Treatment for Symptomatic Sexually Transmitted Diseases. Under the direction of Professor Amy O. Tsui.

Jeanine Mary Williamson, *Information and Library Science*, An Examination of Vocabulary Types and Rhetorical Roles in Articles about Molly Bloom. Under the direction of Professor Paul Solomon.

Alicia Elaine Wilson, *Epidemiology*, Development of an MDs-based Comorbidity Index. Under the direction of Professor Harry Guess.

Betty Sue Witcher, *Psychology*, The Effects of Power on Relationships and on Individuals. Under the direction of Caryl E. Rusbult.

Umaporn Wongwatanasin, *Economics*, General Equilibrium Evaluation of Industrial Policies on Output, Trade Flows, and Income Distribution in Thailand. Under the direction of Professor Alfred J. Field.

Lan Xie, *Pharmacy*, Design, Synthesis, and Biological Evaluation of (+)-CIS-Khellactone Derivatives as Potent Anti-HIV Agents. Under the direction of Professor Kuo-Hsiung Lee.

Mei-ling Yang, *Journalism*, Creating Homefront Soldiers: The Newspaper Industry and the Mobilization of American Women for World War II. Under the direction of Professor Margaret A. Blanchard.

Zheng-Yu Yang, *Chemistry*, Design and Synthesis of Novel Pyranocoumarin Analogs as Anti-HIV Agents. Under the direction of Professor Kuo-Hsiung Lee.

William John Yakowenko, *Computer Science*, Propositional Theorem Proving by Semantic Tree Trimming for Hardware Verification. Under the direction of Professor David Plaisted.

Shun-Xiang Zhang, *Pharmacy*, Novel 2-Thienyl-1, 8-naphthyridin-4-ones as a New Class of Antimitotic Antitumor Agents. Under the direction of Professor Kuo-Hsiung Lee.

Doctor of Education

Linda Jewell Carr, *Educational Leadership*, A Study of the Instructional Programs in Home School in Five North Carolina Counties. Under the direction of Professor Frank Brown.

Mary Lee Danielson, *Educational Leadership*, How Principals Perceive and Respond to a High-Stakes Accountability Measure. Under the direction of Professor Alan R. Tom.

Deloris Lucille Jerman, *Educational Leadership*, The Instructional Leadership Behavior of Principals in the Public Schools of North Carolina. Under the direction of Professor Frank Brown.

Sylvia Arcater Mason, *Educational Leadership*, Academic Preparation for Special Education Directors: A Descriptive Study. Under the direction of Professor William W. Malloy.

Doctor of Public Health

Phillip Graham, *Maternal and Child Health*, The Effects of Witnessing Community Violence on Violent Behavior among African American Adolescent Males. Under the direction of Professor Dorothy Browne.

Michael Trent Hatcher, *Health Policy and Administration*, Effects of Medicaid Managed Care on Public Health Practice in Tennessee. Under the direction of Professor Arnold D. Kaluzny.

Lynette L. Keyes-Elstein, *Biostatistics*, Small-Sample Approximate F Test for Fixed Effects in the General Linear Mixed Model. Under the direction of Professors Ron Helms and Babu Shah.

Veronica Beatrice Magar, *Maternal and Child Health*, Domestic Violence in Delhi Slums: Women's Voices and Grassroots Action. Under the direction of Professor Amy Tsui.

Mary Anne McDonald, *Health Behavior and Health Education*, An Ethnography of Helping: Lay Health Advisors in an African American Community. Under the direction of Professor Eugenia Eng.

Martha Cornwell Riddell, *Health Policy and Administration*, An Exploratory Study of Factors Influencing Physician Participation in Integrated Delivery Systems. Under the direction of Professor William Zelman.

Vaughan Mamlin Upshaw, *Health Policy and Administration*, Designing an Evaluation for a Public Health Authority in Cabarrus County, North Carolina. Under the direction of Professor Bruce Fried.

Lynne Ross Wilkens, *Biostatistics*, Behavior of Measurement Error Bias Correction Models: Application to a Nutritional Epidemiology Cohort Study. Under the direction of Professor Chirayath M. Suchindran.

Post Baccalaureate Professional Degrees December 1999

The School of Law
Established 1843
Dean Gene R. Nichol

Juris Doctor

Christopher E. Aniedobe
Leonor Ortiz Childers
James Calvin Cunningham III
Meredith Sien Nicholson
Mary Moore Parham
Charles Grainger Pierce Jr.
Paul Ryan Schell

The School of Medicine
Established 1879
Dean and Vice Chancellor for Medical Affairs
Jeffrey L. Houpt

Doctor of Medicine

Scott Bowen
Susan Hunter Gibbs
Angela Louie Muhammad
Elizabeth Cate Roede

The School of Pharmacy
Established 1897
Dean William H. Campbell

Doctor of Pharmacy

Jennifer Lee Barrow
Robert Franklyn Catoe
Julie Ward Crocker
Timothy John Daly
Ashley Lynn Dean
Helen Catoe Dinkins
Nabila A. Ebrahim
Elizabeth Meade King
Jenny M. Mabie
Jeanette Carter Mills
Harvey Alston Mitchell Jr.
John Douglas Phillips
Aranjeet Sidhu
Elizabeth Price Skinner
Karen Hanley Stoner
Francisco J. Valls

The Dean E. Smith Center

Today's ceremony attests to the flexibility of the Dean E. Smith Center, one of the most impressive collegiate arenas in the country. Begun as a mission of unparalleled proportion in college athletics, the 300,000-square-foot edifice was built with funds raised entirely from private donations. It stands on seven and one-half acres on the University's south campus. Over 20,000 cubic yards of rock were removed to make room for the 340-foot-wide, 380-foot-long building.

The arena is named for the former Tar Heel basketball coach Dean Smith, who finished his career in 1997 as the all-time winningest coach in basketball history with 879 victories. In 36 years, Smith coached Carolina to eleven NCAA tournament Final Fours, two national titles, and thirteen Atlantic Coast Conference Tournament championships.

The building, which opened in January of 1986, has three levels. The first floor features six recreational locker rooms, the basketball dressing area, which contains a players' lounge complete with computer terminals and study desks, as well as fully-equipped training and weight rooms for use by the basketball players. On the second floor visitors can enjoy a memorabilia room that houses artifacts of Carolina's rich athletic tradition. The uppermost level features a 1,200-foot-long, 22-foot-wide concourse with eight concession stands and a souvenir showcase, all of which are easily accessible from the sixty-eight aisles along the concourse. The banners ringing the center's blue ceiling testify to the success of Carolina basketball.

The Smith Center's design allows it the flexibility to host numerous entertainment events. A large grid hangs over the east end zone from which more than 50,000 pounds of sound and lighting equipment can be easily attached. Many of the biggest stars have appeared on stage here. Since Kenny Rogers staged the arena's first concert in 1986, entertainers ranging in appeal from Bruce Springsteen to John Denver, Amy Grant to Garth Brooks have performed to enthusiastic crowds. Sporting events such as WCW Monday Night Nitro, the NCAA Wrestling Championships, and the North Carolina High School Athletic Association Basketball Championships have also been held at the Smith Center. But the main attraction, and indeed the very reason for the Smith Center's existence, is Carolina basketball. Since January 18, 1986, when Warren Martin scored the first Carolina basket in the Smith Center, the center has seen the team develop an impressive win ratio of nearly ninety percent.

Angie Bitting, Smith Center Public Relations

Candidates for Graduate Degrees and Professional Graduate Degrees • December 1999

The Graduate School

Established 1876
Dean Linda Dykstra

Master of Arts in Anthropology

Jeongmin Eom
Deepa Savitri Manandhar
Miranda Katherine Smith
Alicia Lynn Wise

Master of Arts in Art History

Shawnya Lynnette Harris
Kelley Elizabeth Moore
Maureen Anne O'Brien
Erika K. Roekett
Colleen Mary Thomas

Master of Arts in Biology

Eileen Olivia Sullivan

Master of Arts in Classics

Noel Reed Fiser
Jesse Hughes Hastings
Shane Harrell Hawkins

Master of Arts in Communication Studies

Renee' Jaequeline Alexander
Frank Edward Bender
James Randall Ervin
Sarah Marie Fain
Amanda Lynn Granrud
Alexandra Grasos
Konstandinos Chris Martin Hondros
Jill Kristine Hoven
Laura Dawn Morrison
Christopher Owen Ryals
Amy Mio Seay

Master of Arts in Comparative Literature

Ioanna Chatzidimitriou
Stephanie Anne Geriene Lombardo
Sarah Vaughan Smithson-Compton

Master of Arts in Curriculum and Instruction

Beth Ann Hatt
Jennifer Lynn O'Neal
Staey Leigh Otto

"Thank you, Carolina, for giving me such a wonderful experience, for making me strive to the best of my capacity, for opening up a whole new world for me, and above all, for allowing me to be a part of you. You gave me the first step, my real chance, to see things for myself."

Shaza Karim

Master of Arts in Education Psychology

Richard Craig Tapper

Master of Arts in English

Jennifer Rai Bolton
Julia Roper Bryan
Tamara Lyn Graham-Voelker
Aaron Bovee Hathaway
Charles Henry Kimpel
Lisa Jo Rathert
Christopher Jon Simon
Margaret Fenton Swezey
Amy Elizabeth Weldon

Master of Arts in Folklore

Ann Burnett Kaplan
James L. McGee Jr.
Jimmy Edward Wooden

Master of Arts in Geography

Christopher Allen Mankoff
Margaret Fisher Terry

Master of Arts in Germanic Languages

Karen Loraine Mixon

Master of Arts in History

David John Eilenberger
Lisamarie Griebel
Kelly Elaine Navies

Master of Arts in Journalism and Mass Communication

Paul Coe Clark III
Melissa M. Twomey

Master of Arts in Linguistics

Eric John Bloemeke
Della Marie Chambless
Howard Ray Lucas Jr.

Master of Arts in Mass Communication

Leslie Ann Walters Adams
Gillian Kim Ashley
Timothy Allen Blankemeyer
Shema Monique Carraway
Jasmine M. Gandhi
Challiss Elizabeth McDonough
Edward Douglas Richardson
Elizabeth Shaw
Tina Louise Smith
Jason David Sugar
Jon Paul Tkach
Elizabeth Ann Zubritsky

Master of Arts in Mathematics

Edouard Denis Din

Master of Arts in Music

Andrea Rene Adams
Lester Alan Castellana
Michele Leigh Clark

Master of Arts in Philosophy

Victoria Dodd Behrens
Christopher Reich Taylor

Master of Arts in Physical Education

Jeremy Travis Bailey
Amanda Ray Braun
Daniel Patrick Crowe
Heather Renee Deaner
Erik Matthew Dunlap
Elizabeth Maria Freeland
Elizabeth Ann Hancock
Tamara Lynn Matheny
Danya Conn Nunley
Andrew Fowler Parker
Victoria Maria Pellizzari
Sarah Amanda Peterson
Nicole Renee Saunches
Edward Joseph Strapp

Master of Arts in Political Science

Steven Randolph Hall
Jennifer Jill Hora
Kenneth M. Kadlec
Courtney King Rouke Karres
James Scott Littlehale
Todd Peter McNoldy
Kimberly Monisha Richburg

Richard Gentry Shroek
Jason Daniel Yackee

Master of Arts in Psychology

Eli Jason Finkel
Karen M. Grewen
Margaret Ann Hannon
Kenneth Craig Herbst
Deborah Ann Lubin
Nathan Alexander Vandergrift

Master of Arts in Radio, Television, and Motion Pictures

James Caldwell Davis

Master of Arts in Religious Studies

Mary Frances Kerr
Michael Pasquarello III
David Adam Shefferman

Master of Arts in Romance Languages

Julia Corine Barnes
Sarah Elizabeth Beeman
Amy Francesca Chambless
Andra Bess DeHart
Adriano Ralph Duque
Megan Mercedes Echevarria
Sutton Crawford Foy
Anne Elizabeth Gerber
Kim Lorain Logan
Edward Joseph Moore
Miren Edurne Portela
Rui Manuel F. L. Torres
Carlos Valencia

Master of Arts in School Psychology

Lauri Ann DiFulvio
Megan J. McGilloway
Amy Beth Natale

Master of Arts in Sociology

Christopher Lawrence Bartley
Jennifer A. Craft
John F. Dye
Chandra Yolanda Guinn
Bradley Gordon Hammill
Melinda Sue Lundquist
Louis Kendall Palmer III
Julia Elizabeth Reade

Master of Arts in Special Education

Rosa E. Olmeda

Master of Arts in Speech

Maria Katherine Karres

Master of Science in Biochemistry and Biophysics

Samuel Edward Kalat
Kelly Anne Sigmon

"During my time here at Carolina, I have grown not only intellectually, but emotionally and spiritually as well. I leave here grateful for all the opportunities I have been blessed with and excited about the new phase of life for which my experiences at Carolina have prepared me."

Allison N. McKie

Master of Science in Biomedical Engineering

Cheri A. Anaclerio
Kenneth Paul Andersen
Marc Hall Doolittle
Aaron Wills Fox
Jonathan Turner Moody
Suraj Raghavan
Michael Yvan Wallace

Master of Science in Biostatistics

Angelita Jacquien Bush
Michael A. DeSpirito
Michael Allen Getter
Ji-Hyun Lee
Brian Hugh Neelon
Seehyang Sohn
Mark Thomas Tripputi
Jerry Su Yao Tsai

Master of Science in Chemistry

Valerie Rochelle Bullock
John Thomas Cooper
Kimberly Deas-Wooten
Christopher James Ehlers
Jason Carlos Sousa
Julia Elizabeth Wingate

Master of Science in Computer Science

Eric Devonn Baker
Lin Cui
Tellis Burthorne Ellis IV
Xiaohu Guan
Kenneth E. Hoff III
Mave Talibra Houston
Jeffrey Frank Juliano
Aditi Majumder
Kori Earl Needham
David Edward Ott
Ibrahim A. Salama
Sanjay Ratna Sthapit
Nicholas Michael Vallidis
Zhiwei Xiao
Paul Alexander Yushkevich

Master of Science in Dental Hygiene Education

Tracy Louise Taylor

Master of Science in Economics

Theodore James Ervin
Sudeshna Ghosh
Lenise Elaine Graber
Volker Paul Notker Grzimek
Maciej Ombach
Virginia Ann Perry
Valerie Ann Rawlston

Master of Science in Enviromental Science and Engineering

Tonya Allieree Bernhardt
Susan Ruth Bielmeier
Katherine Suzanne Brophy
Tung-Chin Chiang
Jennifer Ann Curtis
Eric Nathan Fischer
Catherine Marie Hawk
Julia Ann Nelson
Gregory Anthony Puccioni
Xin Qiao
Peter Christopher Seward
Natalie V. Sierra
Katherine Ann Sijthoff

Master of Science in Geology

Lauren Kara Hewitt
Robert Elson Killough
William John Kwitnicki
Blair Ryan Tormey
Cheryl Lynn Waters

Master of Science in Human Movement Science

Micheal Allan Clark
Lisa Besserman Johnston
Lori Anne Schrodt
Sheila P. Thompson
Teri Lee Whynman

Master of Science in Marine Science

Christin A. Conaway
Monica Beth Harrington
Krista Anne Walter
Stephanie Leah Wear

Master of Science in Mathematics

Suzanne Buchta
Steven E. Collins
Shelby Hyatt Funk
Karl Evan Hallowell
Manuel Lopez
Zia Mahmood
Benton J. McCune
Corwyn C. Newman
Warren William Wegner
Paola Zamora

Master of Science in Microbiology and Immunology

Sandra Mae Kao
Marie-Christine C. Piriou
Priscilla Anne Wolthusen

Master of Science in Occupational Therapy

Amy Elizabeth Brodeur
Constance Marie Chew
Cary Ellen Eddy
Donna Jean Hammer

Master of Science in Operations Research

William Carter Franklin
Bengt Wisen Pederson
Elena Ivanova Tzenova

Master of Science in Oral Biology

Onanong Chaiudom
Mare Garret Cribbs
Suchaya Pornprasertsuk

Master of Science in Orthodontics

Steven Miller Austin
Andrew D. Hass
Lawrence Joel Moray

Master of Science in Periodontics

Scott David Erikson
Paul Chester Kazmer Jr.

Master of Science in Pharmacology

Erik Nils Dahlstrand

Master of Science in Pharmacy

Gururaj Ananda Rao
Jill Marie Slupianek
Kamonthip Wiwattanawongsa

Master of Science in Physics

Peter Bertone
Brian Eric Brill
Brian Michael Fisher
Alejandro E. Gaba
Douglas Sidney Leonard
Jennifer Lynn Mosher
Marcia Curtis Smoak
Robert Joshua Steele
Phillip Antoine Williams

Master of Science in Prosthodontics

Sompop Bencharit
Julie Towles Matthews
Lisa N Ribaudo

Master of Science in Rehabilitation Counseling

Patricia Susan Sikes

Master of Science in Speech and Hearing Sciences

Mona Govind Shah

Master of Science in Statistics

Nicholas W. Locantore Jr.
Mihail Radu Rosu
Chen Zhou

Master of Fine Arts in Dramatic Arts

Kerri Lynn Martinsen

Master of Regional Planning

Kenneth Jay Guttman
Jonathan Matthew Hull
Clifford Morris Kenwood
Alexander Stephen Koenig
Steven Roger Luxenberg
Heidi Tolo Merkel
Anna Wood Readling
Gregory Joseph Tufts

Master of Science in Recreation Administration

Jennifer Mae Allen
John William Bucher
Katherine Marie Dahowski
Kelly L. Freeman
Christopher Edmund Frelke
Ashley Susan Goetz
Amy Denise Lockamy
Amy Nichole Thayer
Gregory Anthony Todd

The School of Education

Established 1885
Dean Madeleine R. Grumet

Master of Education

Cassandre Balant
Ashley Marie Cahoon
Jason Jarman DuBose
Heather Dawn Edwards
Ciatta-Mae Benedicia Harris
Patsy Eubanks Martin
Michael D'Angelo Smith
Kim Maureen Sugar
Gwen Griffin Van Ark
Jessica M. White

Master of Arts in Teaching

Letitia Renee Moultrie
Alexa Leigh Stambler

The School of Social Work

Established 1920
Dean Richard L. Edwards

Master of Social Work

Adam Allard Allston
Susan Varner Clifford
Sharon Lenore Ferguson
Devin Lloyd Griffith
Marisha J. Hart
Bryan Gregory Hatcher
Cindy M. Hoirup
Peter W. Maffly-Kipp
Stacey Lynne Miller
Jennifer Christina Nelson
Amy Rene Pomeranz
Thomas Patrick Toal
John Frederick Williams

The School of Information and Library Science

Established 1931
Dean Joanne G. Marshall

Master of Science in Information Science

James Robert Alumbaugh
Maria I. Boitchouk
Christopher Boyd Brannon
Donald Jay Cervino Jr.
Kevin Sean Clarke
Margaret Ann Duffy
Paul Vincent Gerwe
Jennifer Ann Hoffman
Thomas Andrew Jackson
Alex K. Lindgren
Janet McLaughlin
John Michael McNealy
Kevin John Morgan
Theodore Anthony Peay
Megan A. Winget

Master of Science in Library Science

Amie Louise Barto
Danielle VanDalen Borasky
Tara Lynn Burgess
Elaine Marie Cameron
Melissa Maxwell Edwards
Dare Hester Fortner
Lisa T. Greenbaum
Penelope Hamblin
Kimberly Jo Hoover
Victoria Kindon
Carolyn Michele Matz
Sharon Renee McMannen
Amelia Kathleen Mitchell
Rebecca Moore
Jennifer Lynn Rawlings
David L. Solar
Lisa Carole Stark
Vesselina Kirilova Stoytcheva
Caroline Elizabeth Thomas

Certificate in Information and Library Science

Kelly Anne Coleman

The School of Public Health

Established 1939
Dean William L. Roper

Master of Public Health

Rana Zahoor Ahmed
Michelle Grace Albee
Jennifer Anne Algire
Adam Allard Allston
Kennan D. Beckett
Rodney Clark
Susan Varner Clifford
Romulo Ernesto Colindres Jr.
Lee Ann Elizabeth Conard
Erin Cruise Connor
Bridget McNamara Degele
Joseph Gerard Degenhard
Miranda Morgan DeVries
Laura Rebecca Dillingham
Praveen David Fernandes

John R. Feussner
Jennifer Jean Francis
Bronwyn G. Glenn
La Sonya Annette Goode
Leslie Elliott Goodno
Harvey James Hamrick Jr.
Lorna Tanya Haughton
Michele Lanette Heidel
Lyn Nguyen Henderson
Sara A. Holtz
Amanda Belle Huber
Mary Katharine James
Roy Jung Woo Kim
Katrin Meike Kreisel
Abhijit V. Kshirsagar
Charisee A Lamar
Henry N. Lin
Kristina Eliason Lindsey
Irene Machowa-Lubker
Elizabeth P. Mahanna
Julie L. Marantette
Judith Margolis
Richard Few Mason Jr.
Tonya S. McLeod
Neha Jay Mehta
William Aycock Mills Jr.
Noel Tan Miquiabas
Mahyar Mofidi
Thomas Matthew Motyka
Colleen Mary Nagle
Sally K. Norton
Karen Jones O'Donnell
Selene G. Oslak
Alan Guy Parham
Nissa D. Patterson
Ulrike Peters
Stephanie Elizabeth Planz
Rachel Catherine Pohlman
Aditee Ashok Pradhan
Frank Joseph Quayle
Michael J. Sage
Olga Lucia Sarmiento
Karen Elizabeth Schetzina
Melissa J. Sharer
Etta Porthe Sharfuddin
Constance Marie Slavich
Meredith Ann Smith
Robert George Stea
Michael D. Sullivan
Sara Louise Sulzbach
Donna Elizabeth Sutton
John Arthur Swanson
Dickens Theodore
Delamie Fiore Thompson
Elizabeth Cuervo Tilson
Vani Vannappagari
Laura M. Villemaire
Wendy Michelle White
Rachel Ann Wilfert
Floyd Charles Wiseman
Margaret J. Wooddell
Jeffrey I. Zaref

Master of Science in Enviromental Engineering

John Winston Baise
Rick Grey Bond
Stephen Charles Carter
Xing Lu
Eric James McCann
Caroline Medley
Mallika Ramanathan
Alessandro Travaglia

Master of Science in Public Health

Shana Chase
Matthew Earl Garvin
Mary Elizabeth Hodgson
Dora Ilyasova
Kristin Hollis Jacobson
Richard King-Fai Kwok
Carol Elizabeth Mueller
Stephanie Anne Mulherin
Glen Russell Newman
Tara Jane Patton
James Pierce
Matthew Alexander Price
Leah Beth Quinn
Eric Edward Rainey
Kevin Stuart Ross
Marlene Smurzynski
Phuong-Thao Thi Vo

Master of Health Administration

Laura Anne Bailey
Debbie L. Combs-Jones
Lisa Caroline Eskenazi
Rhonda Kaye Harris
Heather Sabra Heitz
Jonathan H. Hudson
Miriam K. Jernigan
Susan B. Morgan
Donna Coker Shane

Master of Physical Therapy

Alisa Deese
Eva-Maria Anttila Gold
Calvin Maeclarey Hanrahan

The School of Nursing

Established 1950
Dean Linda R. Cronenwett

Master of Science in Nursing

Valeria Mann Andrews
Patricia S. Ashland
Frances Anderson Ballard
C. Sue Byles
Jayne Roberts Byrd
Amen Kehinde Eguakun
Lisa Buffaloe Fields
Lynn Betty Gauthier
Elizabeth Margaret Gulyas
Laura Anne Harvey
Ginny Walker Middleton
Frank Douglas Moore
Paul Lewis Moore
Carly Allyson Patterson
Shannon Waters Pennell
Julia Hardison Pjetraj
Cheryl Denise Rudnicke

Origin of the University Colors

A symbol of unity among Carolina students, alumni, and fans, the school colors of light blue and white were first used around 1800 to distinguish between members of the Dialectic and Philanthropic Literary Societies. Throughout the nineteenth century, students were required to be members of either the Di or the Phi. The Di's color was light blue, and the Phi's was white.

At University commencements, balls, and other social events, the student officials, managers, and marshals wore the color of their society, blue or white. Because the Chief Marshal or Chief Ball Manager represented the whole student body, not just his society, he wore both colors.

When the University fielded its first intercollegiate athletic teams in 1888, the question of what colors to wear had already been answered. Light blue and white had come to symbolize membership in the University, not in a single society.

Light blue and white have been considered the University's colors for more than a century. With the tradition so firmly established, a popular bumper sticker states that God must be a Tar Heel because he made the sky Carolina Blue!

Candidates for Baccalaureate Degrees December 1999

The College of Arts and Sciences
Established 1795
Dean Risa I. Palm

Bachelor of Arts

Afro-American Studies

Annette Renee Bates
Nichole Lois Gibbs
Marie Christina Hermitte *
Idonea Kyna Lewis
Damionne Lamarr Nobles
Summer TeVar Steverson

American Studies

Michael Todd Bracknell
Gregory James Lowenhagen

Anthropology

Cynthia Whitney Armendariz *+
Nicole Rikki Barber
Laura Anne Bartolomeo
Sarah Elizabeth Brown
Joseph Alleyn Cochran
Nicolas Alexander Creznic
Margaret Lane DeRamus
Matthew Barker Fariss
Joseph Jay Fletcher
Misty Dawn Frederick
Christopher David Heaney
Jennifer Lynn Johnson
Rebecca Margaret Johnson
Casey Jim Matthews
Sarah Denise Moore
Jennifer Lynne Norman
Virginia Eyes Phelps *
Eliza Brooks Rainey *
Caitlin Salemi *
Joshua Oran Tewell
Cheryl Ann Tuttle +

Art

Anne Hereford Jordan

Art History

Julie Dixon Bell
Kelly Lea Porter *
Jill Allison Taylor *
Mary Margaret Williams

Asian Studies

Caroline Anne Davenport *

Biology

Hans Christian Andersen
Christopher Neil Baucom
Crystal Ann Bowman
Kristen Renee Busick
Jennifer Hayley Carpenter
Jessica Lynn Cox
Beth Ann Dobbins
Michael Anthron Felton
Meera Ramesh Ganatra
Rikki LaTanya Gardner
Erika Hope Green
Amanda Susanne Harris
Erin Kathleen Hartwell *
Jennifer Anne Holston
Terry Ann Ieard
Amy Elizabeth Ketchie
Bryan Keir Miller
Hani Naseem Nasrallah
William Daniel Overman
Jonathan Peter Parham
Sammie Ann Rivera
Aaron Braxton Seay
Lara Kirsten Shannonhouse
Elizabeth Shevon Singletary
Caroline Avery Thompson
Alexis Marie Van Culin
Melisa Kaye Wilkins

Chemistry

Layne Palmer Cuthbertson
Patrick William Garrison
Crystal Henrietta Ivey
Gary Brian McGuffey
Allison Nicole Lucas
Robert Nathan Mease
Rasik Bihari Pandey
Jonathan Michael Thomason

Classics

Christina Lee Kolb

Communication Studies

Michael Todd Bracknell
Dayna Kimberly Bradshaw
Bryan Stanley Broodno
Kristen Elizabeth Brown
Elizabeth Ann Buckner
Ann-Noel Campbell
George Merl Carson II
John Timothy Chappell II
Christina Lynn Coffey
Jessica Anne Coleman
Jeffrey Burton Connolly
Andrea Lynn Core
Jennifer Ann Cox
Rachel Elizabeth Davis *
Ryan Ross Demer
Tracie Elaine Dissinger
Jenny Rian Durbin
Kelsey A. Durkin
Kandyce Karryn Ellis
John Stone Evans
William Bradford Figulski
Kendra Noelle Gaeta *
Elizabeth Parham Garner
Christopher Ray Girardin
Angela Hon
Carrie Laresa Hoover
James A. Horney Jr.
Hugh Perry Horton
Nan Elizabeth Joyce
James Michael Kennedy
Peter Lawrence Kovach
Laura Ann Labate
Christopher Adam LaMarsh
Denielle Janine Lincoln
Elizabeth Ruth Lindquist
Jaime Nicole Lockhart
Kyle Edward Lynch
Todd David Maners
Kimberly Dyan Martin
Shannon Schneider Martin
Aaron Cole Mayer
Bryan Idi Mitchell
John Thomas Moore
Rachel Elizabeth Niles +
Tina Ruth Owens
John Christian Pardue
Jonathan Peter Parham
Jaelyn Denise Perry
Nigel Roy
Tucker Robert Shade
James Jarrett Shearin
Katherine Allison Simpson
Stacy Leigh Smith *
John Isaac Southerland
Lori Brantley Speight
Susanne Royal Streb
Bryan Marc Stuck
Kelly Anne Swords *
Teresa K. Taylor
Kelly Sue Thomas
Joseph Jerome Walters
Zachary Joseph Ward
Tresa Elizabeth Whitaker
Kai Kirksey Zander

Dramatic Art

Richard Wesley Baker
Jessica Anne Coleman

"Carolina blue skies will always remind me of my time as a student at UNC! The University's commitment to scholastic diversity has allowed me to explore my interests in the fine and performing arts as well as in the public health sciences."

Jennifer Resh

** Indicates probable candidates for degrees with distinction or highest distinction based on GPA going into final semester. + Indicates Honors recipients. ++ Indicates Highest Honors recipients.*

Laurie Anne Galloway
Amber Kelley Roy
Karen Lynn Sault

Economics

Elliott Harris Baer
Ryan Marshall Beard
Justin Phillip Bowman
Bradford Blaise Briner *
Anthony James Chiarello III
Layne Palmer Cuthbertson
Michael Howard Darst
William Edward Dolan
Forrest William Eber *
Kellie Suzanne Foster
Michael David Griffith
Chris Michelle Gruver
Eric Matthew Hartley
Robert Glenn Hauff
Raymond Hernandez
Curtis Ryan Jablonka
Jonathan Stewart Liles
William Garrison Lisk
Jacob Isaiah Livingston
Allison Nicole McKie *
Brian Mitchell Murphey
William Ayres Nichols III
Eric Scott Pfannenstiel
Christopher Travis Pope
Carly Ann Sanders
Zachariah Steven Sharek
Justin Thomas Simmons *
Toni Kyrisch Vela
Jessica Anne Wolfendale *
Jae Hee Yook
Sean Michael Zeigler *+

English

Tara Elaine Bennett
Robert Morris Buckler
Jack Fredrick B. Burris IV
Kelley Grace Cherry
Ellen Leigh Faircloth
Joseph Jay Fletcher
Richard Kenneth Franklin III
Jonathan Alan Hollander
Joshua Boyd Iorio
Brooke Jensen
Anthony Keith Jones
Shauna Tennille Joyner
Verna Lee Kale *++
Sara Emilia Kimmel *
Brandon Dean Lowery
Gregory Scott Matter
Katherine Marie McAndrew
Kelly Michelle McGhee
Jonathan Thomas Risner *
Mark Jefferson Roghelia
Katherine Allison Simpson
Lisa Anne Staton
Zachary Daniel Stephenson
Ian Erik Sundberg
Jonathan Murray Tait
Jill Allison Taylor *
Kelley Marie Wilson

Geography

Jeremy Matthew Bell
Jeremy Trent Carver
Michelle Chatelain Cienek
Mark Alexander Ethridge
Emily Anne Hilton
Brent Charles Lytle
John Justin McClelland
Diane Carlson Riggsbee

"Looking back, I realize what an impact Carolina has had on my life. During my years here, I have grown as a student and as a person. The experiences I've had and the people I've met have helped shape not only what I want to do, but also who I want to be."

Ashley Wall

Geology

Brian C. Bauer
James Stewart Bryan

German

Verna Lee Kale *
Eric Odell Oakley

History

Peter Davis Blackwell
Scott Andrew Boyer
Robert Allen Breitweiser III
Michael Weiland Chen
Ruth Ann Clayton
Melissa Anne Cottone
Cliff Coleman Gardner
Stewart Hinton Hackney
Mora Joan Hockstein *
Timothy Paul Howie
Emily O. Hutson
Richard Mark Lang
Katherine Marie McAndrew
Stephen Goldberg McDonald
Kimberly Jan Mersky
Joseph Allen Mogridge
Kevin Joseph Nolte
Heather Ashley Rich
Drew Rashaan Shearer
Stephen Jason Slechta *
Summer TeVar Steverson
Mary Elizabeth Waddill
Britt Ashlyn Wotring
John Harlan Young

Interdisciplinary Studies

Kendra Noelle Gaeta *
David Rooker Laney
Alfred Francis Platt III

International Studies

Mohammad Omar Baloch
Rollan Preston Fisher
Dianne Marie Gonzalez
Emily Anne Hilton
Meral Karan +
Amy Elizabeth Ketchie
Christina Leah King
David Christopher Kopsch
Melissa Jo Murchison-Blake
Scott R. Rodman
Rym Romdhani
Erika Dionne Staples
Kevin Patrick Stephens
Damian Trzebunia
Christina Marie Tseng +
Aaron Lloyd Wimberley

Latin American Studies

Robin Leigh Lamm
Marion Ruth Traub-Werner *++

Linguistics

Susannah Clair Hunter

Mathematics

David Lucius Carden
Kenneth Levi Jones
Robert J. Marlowe
Karl Stephen Tarrant
Ted S. Theodoropoulos
Sean Michael Zeigler *

Management and Society

Alicia Jean Alford
Anna Caye Bradley
Guido Nathan Carrara
Melissa Anne Cottone
Sarah Elizabeth Crissman
Amber Ellen Dellinger
Kellie Suzanne Foster
Melinda Danielle Houge
Julie Hendrix Jarvis
Joseph Guy Mazzola
Laura Kristin Moore
Adam Charles Pardue
Anthony H. Popolizio
Robert Christopher Rose
Aric Chad Ruehle
Jonathan Ashburn Sapp
Robert Gerald Swanson
Jason Scott Terry
Sara Marie Zamenski

Music

Barrett McQueen Smith
Averil Van Williams

Peace, War and Defense

Matthew Whitaker Brown
Dianne Marie Gonzalez
Timothy Paul Howie
Mark Davis Meliski

Philosophy

Michael William Boyd
Ebony Monique Bishop
Nicolas Alexander Creznic
Colleen Anne Monroe
Zachariah Steven Sharek
Alexis Marie Van Culin
Mary Elizabeth Waddill
Matthew C. Wilhelm

** Indicates probable candidates for degrees with distinction or highest distinction based on GPA going into final semester. + Indicates Honors recipients. ++ Indicates Highest Honors recipients.*

Physical Education

Thomas William Abel
Cari Jean Aldous *
Kimyatta Shevone Anderson
Kate Elizabeth Barber
Christopher Wayne Barnes
Allison Lane Benfield
Courtney Lynn Britt
Gwendolyn Denise Cannon
Courtenay Sheldon Carruthers
Nissa Quannisha Casey
Graham Franklin Claytor
Penni Rene Coates
Shana Detra Garland
Erin Rebekah Gilbert *
Atia Hamid
Courtney Allison Herring
Kristina Elizabeth Hohas *++
Hilary Leigh Hoskins
Alicia Nicole Isenberg
James Thomas Keller II
Siri Lynn Mullinix
Joseph Michael O'Connell
Tracey Lynn Rankin
Andy Thomas Riley Jr.
Emily Amanda Robinson
Jon-Breck Sampson
Bethany Ann Sheppard
Amy Nicole Smith
Jasper Allen Smith
Meredith Lynn Snoddy
Nicole Beltran Turner
Staci Nicole Wilson
Keirnan Mark Zavagnin

Physics

Bridger Jay Smith

Political Science

Crystal Ann Bowman
Scott Andrew Boyer
Elizabeth Edina Bradley
Robert Morris Buckler
Daniel Joseph Collins
Shadrick Demont Friday
Shonda Latrece Goward
Michael David Griffith
Virginia Randolph Harris *
David Joseph Hellinger
David Lynn Hursey
Suzanne leigh Jones
Matthew James Marotta
John Justin McClelland
Aaron Nance McKethan
Allison Nicole McKie *
Mark Davis Meliski
Tiernen Miller
Michael T. Niemis
Sean Dennis O'Brien
Beatrice Shontel Parker
Kisa Michelle Parker
Nancy Marie Pelligreen
Dennis Darrell Pope Jr.
Joshua Tyler Putnam
Scott Shannon Rubush
David Harold Sandler *
Thomas Wayne Sevier Jr.
Justin Thomas Simmons *
Renee Gail Spinicelli
Sean Matthew Timney
Tonya Denise Tomlinson
Nancy Elizabeth Troutman
Zaneta Carol Vaughn
John Michael Walker
Adam Bruce Wall
Ashley Suzanne Wall *
William Miller Watts
Brian Albert Williamson *
Lanita Gladette Wimberly
Jessica Anne Wolfendale *+

Psychology

Sara Estelle Amos
Kimyatta Shevone Anderson
Robin Leigh Anderson
Alison Lee Baker
Richard Wesley Baker
Elizabeth Cherry Banks
Tamara Sharmaan Barbee
Elizabeth Edina Bradley
George Michael Boggess II
Julia Lynn Bowman
Michael William Boyd
Courtney Lynn Britt
Andrew Patrick Casler
Mei-Ju Julia Chen
Heather Anaissa Clapper
Kendra Core
Lisa Diane DiMartino
Kelsey A. Durkin
Timothy Curtis Earle
Gary Ray Edwards
Heather Karyl Faulkner *
Kristin Lynne Felts
Jill Susan Garman
Leila Anne Ghassemian
Lila Tate Glankler
Jason Aaron Gould
Tiffany Renee Greene
Sarah Elizabeth Greeson *
Atia Hamid
Erin Michelle Hedrick
Courtney Allison Herring
Hilary Leigh Hoskins
Alicia Nicole Isenberg
Amy Alderete Johnstone *
Julie E. Jones

"My experience at Carolina enabled me to rediscover my intellectual abilities. My professors assisted in that process by affirming and challenging me."

VIRGINIA PHELPS

Wendy Claire Jones
Shaza Tauqeer Karim *
Lindsay Koch Kihlstrom
Allison Nicole Lucas
Jason Fincher Lybrand
Janeia Nicole Matthews
Natalie Rochelle McBryant
Meagan Christina McEwan
Kelly Michelle McGhee
Sheppard Allen McKenzie IV
Carla Brooke Menius
Latonya Doreen Middleton
Sophie Christina Adriana Milam
Amber Marie Miller +
William Roger Mills-Koonce
Kay LaKeisha Moses
Angela Marie Murrell
Rachel Elizabeth Niles
Damionne Lamarr Nobles
Katharine Blanche Oates *+
Lara Jane Parker
Archana Manu Patel
Kari Helene Race
Tracey Lynn Rankin
Andy Thomas Riley Jr.
Emily Amanda Robinson
Julia Kathleen Sanchez
Lara Kirsten Shannonhouse
Barrett McQueen Smith
Cara A. Statucki *
Nancy Katherine Swartzel
John Cafferty Thorne
Lauren Michelle Thrower
Sean Matthew Timney
Nicole Beltran Turner
Jeffrey Alan Vance
Chanel Qiana Wright

Public Policy Analysis

Walton Rawls Costenbader
Jennifer Annette Cowan
Marie Christina Hermitte *++
Karen Lorraine Pinckney

Recreation and Leisure Studies

Michelle Chatelain Cienek
Jessica Lynn Cox
Kelly Elizabeth Daughtry
Shiloh Aime Daum
Emilee Brooke East
William Brian Faucette
Rachel Christine Hammer
Allyson Kathleen Helle
Matthew Harrison Hines
Jennifer Anne Laws
Amber Nicole Lookadoo
Summer Leigh Mann
Anita Kay McEntire
Andrew Christian Rasberry
Amy Nicole Smith
Lauren Michelle Thrower
Margaret Vopat Whitworth

Religious Studies

Cynthia Kay Dietz

Romance Languages

Ebony Monique Bishop
Erin Glenn Brown
Ellen Leigh Faircloth
Mora Joan Hoekstein *
David Christopher Kopsch
Beatrice Shontel Parker
Lindsay Marie Rader *
Vance Andrew Reeder
Carly Ann Sanders
Erika Dionne Staples
Damian Trzebunia
Natalie Marie Turner
Aaron Lloyd Wimberley
Victoria Felice Wolff
Britt Ashlyn Wotring

Russian

Margaret Lane DeRamus

Sociology

Ashley Farrah Abernathy
Patricia Joy Abernathy
Alicia Jean Alford
Annette Renee Bates
Renee Chrystine Benner
Brian Lee Buckner
Audrina Jones Bunton
Elizabeth Lee Carver
Carmen Terraya Evans
Monica Louise Gibbs

"What has Carolina meant to me? More than just an opportunity to earn a degree, my time at Carolina has given me the opportunity to become an educated person. When I reflect on my self-development Carolina will always have a special place in my heart."

SEAN ZEIGLER

Callie Renee Herbert
Hilary Amanda Jones
Dawn Ao'Lani Peebles *
Jason Karl Roberts
Mieke Rachelle Sinnett
Jason Scott Terry
Bryan Eugene Winbush

Studio Art

Erin Kathleen Hartwell *
Stacey Leigh Kirby

Women's Studies

Emily Star McLain
Lisa LeAnne Robinson Bailey *
Sunda TeBoekhorst
Nancy Elizabeth Troutman

Bachelor of Fine Arts in Studio Art

Lisa Michelle Stoneman

Bachelor of Science in Applied Science

Bobby Chopra
Frances Tatnall Emory

Bachelor of Science in Biology

John Hoongkyu Baek *
William Toland Barfield
Mark Edwin Beavers
Gregory Mack Bell
Wannie W. Bestman
Erin Marie Burgess
Lauren Mary Butare *
Stephanie Dawn Byrd *
Robert Burton Carroll Jr.
Ema Bashir Chohan
Jeremiah John Cummins *
Brian Shea Dement
Marguerite Mulryan Dickson *+
Elizabeth Catherine Dobner
Joanne Minish Garner
Jennifer Michelle Good *
Ashley Elizabeth Graham *
Mala Chand Gundecha
Jennifer N. Hackney *
Travis Michael Hecker
Jenny Elizabeth Hester *
Sara Elizabeth Holland
Matthew Eric Kimball
William Randall Lampe
Brent Charles Lytle
Jaime Claudette Morris +
Thu Anh Nguyen
Justin Meehon Parsons
Jon Stephen Player
Ryan Keith Robol
Rebecca Marie Shelton
Julie Anne Shepard
Mary Rhonda Sneeringer
Kari Ann Szukalski
Johnathan Warren Thigpen
Brandy Dawn Thorpe
Vanessa Farrales Tulao
Amy Donovan Turner *
Keith Andrew Weaver
Angela Michelle White

Bachelor of Science in Chemistry

Dana Karen Everett
Michael Taylor Jones
William Jae Lee
Matthew Paul Pavelchak
Yoana Jeannette Picornell
Scott Alexander Whitworth
Katherine Elizabeth Wilson

Bachelor of Science in Geology

Brandon James Wood

Bachelor of Science in Mathematical Science

Randol Bryan Berger
David Thomas Britt
Thomas William Byers
Jason Whitfield Cheek
Maria Alejandra Doyle
Amanda S. Erickson
Joseph Michael Giles
Sheldon Flynn Hart
Jonathon L. Hayes
Stacy Andrew Hennessee
Cherie Renee Hipps
Lan April Holtselaw
Jacob Andrew Kitchener
Randall Lee Murdock
Clark Christopher Walton

Bachelor of Science in Mathematics

Annie Jodell Barton
Sarah Marie Batey *
Keith Allen Cockerham
Allison Elaine Hundley

Bachelor of Science in Physics

Thomas Sebastian Szymkiewicz

Bachelor of Science in Psychology

Haven Jezreal Bade
Jonathan Neil Elliot
Jonathan Alan Hollander
Ronald Jason Hutchins
Sunda TeBoekhorst

Bachelor of Science in Clinical Laboratory Science

John Tolar Furmage Jr.
Renee Dianne Lawrence
Elizabeth Frances Stoeppler
Roderick Leroy White

THE SCHOOL OF EDUCATION

Established 1885
Dean Madeleine R. Grumet

Bachelor of Arts in Education

Elizabeth Ann Silverstein

THE KENAN-FLAGLER BUSINESS SCHOOL

Established 1919
Dean Robert S. Sullivan

Bachelor of Science in Business Administration

Ginger Ann Bagley *
Bart David Bason
John Clark Beynon
Lynne Margaret Brehmer
Leslie Dawn Brock
Robert Lewis Bryant *
Michelle Andrea Burdick
Elizabeth Ann Bursiek *
Carl Vincent Clark
Lester Leroy Crafton
Rebecca Anne Cunningham
Phillip Ryan Disher
Lee Christopher Franklin
Jason Robert Gillespie
Jeffrey John Grothe *++
Aimee Ellen Grzybowski
Jarron James Harkness

** Indicates probable candidates for degrees with distinction or highest distinction based on GPA going into final semester. + Indicates Honors recipients. ++ Indicates Highest Honors recipients.*

Ryan Matthew Hedrick
Jonathan Wayne Herringdine
Brandon Nash Hughes
Lesley Anne Hurst
Melanie Rae Kravitz
Robert Edward Lewis
Kari Laine Mace
Jeffrey Paul Michaels
Kathryn Anne Murchison
Virginia Lee O'Kelley *
James Park Owens Jr.
Michael William Quintiliani
Levi Stanley Sales
Adam Berton Smith
Stacy Leigh Smith *
Brian Kimling Stubbs
Rebekah Mary Tilley *
Paige Allison Turner
David Lawrence Wagner *
Feng Wang
Jacob Charles Wood

The School of Journalism and Mass Communication

Established 1924
Dean Richard R. Cole

Bachelor of Arts in Journalism and Mass Communication

Brandon J. Alexander
Jennifer Lee Brewer
Kristen Elizabeth Brown
Alison Leigh Campbell
Judith Alexandra Carrasco
Kelley Grace Cherry
Andrea Lynn Core
Jackson Thomas Dunn III
Jenny Rian Durbin
James Brian Ellis
Dana Marie Gardner
Mandelyn Roxanne Gaylor
Ivana Tonishia Gilchrist
Shonda Latrece Goward
Virginia Randolph Harris *
Amanda Christine Hearring
Christopher Allen Hendren
Paul Frederick Hobson
Jason Daniel Hollifield
Jonathan Kano Ikeda
Camille Marie Johnson *
Rebecca Margaret Johnson
Marian Fuller Jones
William Jeffrey King
Neely Anne Kramer
Tina Prentice Lanning
O'Hentrice Rashonne Love
Alicia Kathleen Main
Rachel Mowbray Martin
Leigh Ellen Martz +
Jason Johann Mathes
Michele Jaelyn McCord
John Lawrence Nicholson
Kirsten Chantal Oberoi
Robert Corey Patton
Jennifer Noelle Perkins
David Michael Popp
Amy Miller Quinn
Heidi Lynn Rovner *
David Harold Sandler *
Sara Alison Scott
Bron Chi Smart
Renee Gail Spinicelli
Tonya Jamila Spruill
Alexander Cameron Steeves
Sherisse Nicole Steward
Jennifer Lee Trasti *
Katie Elaine Turgeon
David W. Upthegrove

The School of Public Health

Established 1939
Dean William L. Roper

Bachelor of Science in Public Health

Wendy Elizabeth Alexander
Margaret Kay Day *++
Lydia Kasanezky Passmore *
Jennifer Resh *
Christopher Travis Sneed
Matthew David Vogelien
Ami Ramnik Zota ++

"As I leave Chapel Hill in the cold days of December, I am compelled to seek warmth. I quickly find it in my friendships, achievements, and disappointments at this university. As I grow older, I know I can find comfort in these dying embers that lie in the hearth that is Carolina."

Travis Sneed

The School of Dentistry

Established1949
Dean John W. Stamm

Bachelor of Science in Dental Hygiene

Dawn Tyner Persons

The School of Nursing

Established 1950
Dean Linda R. Cronenwett

Bachelor of Science in Nursing

Carole Lynn Bailey
Charlene Hardin Crepps
Aleta Linette Harper
Kari L. Krupa
April Dawn Perry

December 1999 Commissioned Officers

United States Air Force

Allison E. Hundley
Erika D. Staples

United States Marine Corps

Jason Karl Roberts

Graduate Degrees August 1999

The Graduate School
Established 1876

Doctor of Philosophy

Degree candidates' names are followed by their area of major study, dissertation or project title, and the name of their doctoral adviser.

Karon Abe, *Pharmacology*, Regulation of Mechanism of VAV Signaling and Transformation. Under the direction of Professor Channing J. Der.

Lynn W. Adams, *Psychology*, Incorporating Narrow Interests into the School Tasks of Children with Autism. Under the direction of Professor Gary Mesibov.

Pannarat Akanitapichat, *Pharmacy*, Studies on Novel Antiviral Acridone Derivatives. Under the direction of Professor Kenneth F. Bastow.

Richard Michael Allen, *Neurobiology*, NMDA Receptor Antagonists and the Prevention of Opioid Tolerance: Role of Tolerance Magnitude and Intrinsic Efficacy at the Mu-Opioid Receptor. Under the direction of Professor Linda Dykstra.

Rajesh Balkrishnan, *Health Policy and Administration*, Demographic, Clinical, and Therapy-Related Factors in Medication Adherence to Inhaled Prophylactic Therapy and Associated Outcomes in Elderly Patients with Chronic Pulmonary Ailments. Under the direction of Professor James E. Veney.

Betsy Jo Barnes, *Pharmacy*, Design, Synthesis and Biological Evaluation of Human Inosine 5'-Monophosphate Dehydrogenase Inhibitors: 1,5-Diazabicyclo[3.1.0]Hexane-2,4-Diones, as Novel Isozyme-Selective Cancer Chemotherapeutic Agents. Under the direction of Professor Iris Haddon Hall.

Susannah Jo Bauman, *Pathology*, Antithrombotic Properties of Heparin Cofactor II. Under the direction of Professor Frank C. Church.

Lesley Sarah Benyon, *Genetics*, Epigenetic Modifications of Repeated DNA Sequences in the Basidiomycete Coprinus Cinereus. Under the direction of Professor Patricia J. Pukkila.

Alan Jay Brew, *English*, Walden's Agrarian Context. Under the direction of Professor Philip Gura.

Logan Delano Browning, *English*, Reading Dickens's Misers. Under the direction of Professor Beverly White Taylor.

Barbara Alice Baker Burkhart, *Genetics*, Defining the Function of Genes in the Regulation of Cellular Lifespan and Cellular Senescence. Under the direction of Professor J. Carl Barrett.

Mark A. Bush, *Pharmacy*, Dynamics of Nitric Oxide as a Mediator of Morphine Antinociceptive Tolerance. Under the direction of Professor Gary M. Pollack.

Paul Edgar Castelloe Jr., *Social Work*, Community Change and Community Practice: A Qualitative Inquiry into an Organic Model of Community Practice. Under the direction of Professor Marie Weil.

Winifred DeGray Cherry, *English*, Outlaws with Charm: The Evolution of the Southern Lesbian Voice. Under the direction of Professor Fred Hobson.

Yi-jin Chiou, *Pharmacy*, Effect of Glycation by Acyl Glucuronides on Protein Function. Under the direction of Professor Philip C. Smith.

Michèle Aline Chossat, *Romance Languages*, Identite Et Quotidien: La Femme Chez Annie Ernaux, Marie Redonnet, Mariama Ba Et Tahar Ben Jelloun. Under the direction of Professor Martine Antle.

Christine M. R. Clancy, *Chemistry*, Time-Resolved Electron Paramagnetic Resonance Studies of Phenoxyl Radicals and Solvated Electrons. Under the direction of Professor Malcolm D. E. Forbes.

David Cowley Clayton, *Psychology*, Religion and Marriage: A Cognitive Behavioral Model of Religious Influence on Marital Quality. Under the direction of Professor Donald H. Baucom.

Alexander Jonathon Cowell, *Economics*, The Role of Schooling in Binge Drinking and Smoking. Under the direction of Professor Thomas Mroz.

Terry A. Cox, *Biostatistics*, Regression Analysis of Binary Date with Misclassified Responses. Under the direction of Professor Bahjat F. Qaqish.

Todd W. Crane, *Chemistry*, Chemistry of the Tp'W(O) Fragment. Under the direction of Professor Joseph L. Templeton.

Simone Marie Cummings, *Health Policy and Administration*, The Use of Preferences in the Admission of Underrepresented Minorities and Women into a Public Medical School. Under the direction of Professor James E. Veney.

Matthew G. Davenport, *Microbiology*, Regulation of Epstein-Barr Virus Latent Gene Expression and Gene Products by the Cell Cycle. Under the direction of Professor Joseph S. Pagano.

Lewis S. Davis, *Economics*, Three Essays on Endogenous Specialization and Economic Development. Under the direction of Professor William Darity Jr.

Paula R. Davis-Searles, *Chemistry*, Sugars and Protein Folding Equilibria: Application to a Non-Native State. Under the direction of Professor Gary J. Pielak.

Robert E. Derr, *Statistics*, Statistical Modeling of Microstructure with Applications to Effective Property Computation in Materials Science. Under the direction of Professor Chuanshu Ji.

Jason Lynn Dietrich, *Economics*, Intra-Household Allocation of Resources: Price, Income, and Food Consumption Patterns Within Chinese Households. Under the direction of Professor John Akin.

Sharron Lee Docherty, *Nursing*, Patterns of Symptom Distress During the Initial Treatment Period in Three Children with Cancer. Under the direction of Professor Margarete Sandelowski.

Alain-Philippe Durand, *Romance Languages*, Nouveaux Espaces Électroniques Dans Le Roman Français Des Années 1980 et 1990. Under the direction of Professor Yves de la Quérière.

Eric G. Elliott, *Public Policy Analysis*, Power Structures, Policy Insurgencies, and Local Public Budgets. Under the direction of Professor Michael I. Luger.

Archie W. Ervin, *Education*, A Study of Why People Organize, Operate, and Support Charter Schools. Under the direction of Professor George W. Noblit.

Brian Farrer, *Chemistry*, Interaction of Ruthenium (IV) Oxo Complexes with Nucleic Acids and Ruthenium (II) Aqua Complexes. Under the direction of Professor H. Holden Thorp.

Mary Eluned Gaffield, *Epidemiology*, Ecologic Analysis of Gonorrhea in the South, 1986 – 1995. Under the direction of Professor James C. Thomas.

Alejandra Garcia Quintanilla, *History*, Zaatal: Cuando los Milperos Perdieron el Alma una Historia de los Mayas, Yucatan, 1880 – 1889. Under the direction of Professor Gilbert M. Joseph.

Lara Elaine Glenn, *Biology*, Molecular, Genetic, and Biochemical Analyses of Functional Domains in the Ovarian Tumor (OTU) Protein of Drosophila Melanogaster. Under the direction of Professor Lillie Searles.

Elena E. Glinskaya, *Economics*, Determinants of Job Mobility among Prime-Aged Urban Men in Russia in the 1990s. Under the direction of Professor Thomas Mroz.

Kristina Coop Gordon, *Psychology*, Demystifying Forgiveness: A Cognitive-Behavioral Stage Model of Forgiveness in Marital Relationships. Under the direction of Professor Donald Baucom.

John Douglas Grabenstein, *Epidemiology*, Pharmacists as Immunizers: Effects on Sites and Rates of Vaccine Delivery. Under the direction of Professor Harry A. Guess.

Jane Elizabeth Gross, *Oral Biology*, Local and Systemic Host Immune Responses to Porphyromonas Gingivalis A7436 Infection in a Subcutaneous Tissue Chamber in Untreated and Lipopolysaccharide-Treated Mice. Under the direction of Professor Gerald Sonnenfeld.

Deborah Lynn Halperin, *Education*, Temperament and Quality of Life of Children and Adolescents with Spina Bifida. Under the direction of Professor Rune J. Simeonsson.

Christopher Thaxton Hanson, *Journalism and Mass Communication*, A War of Narratives: News Coverage of an Army Sexual Misconduct Case and the Image of Military Women in Post-Cold War America. Under the direction of Professor Margaret Blanchard.

Elizabeth J. Harbron, *Chemistry*, Electron Paramagnetic Resonance Studies of Molecular Motions in Polymers. Under the direction of Professor Malcolm D. E. Forbes.

Alicia Chambers Hare, *Education*, Exploring the Effectiveness of Nonprofit Organizations Encouraging Education Reform: A Case Study. Under the direction of Professor George W. Noblit.

Tracy Sue Herrmann, *Nutrition*, Association Between Fasting and Preterm Birth. Under the direction of Professor Anna Maria Siega-Riz.

Catherine Leigh Hogan, *Pharmacology*, Single-Channel Kinetics of External Tetraethylammonium Block of Large-Conductance Calcium-Activated Potassium Channels. Under the direction of Professor Barry S. Pallotta.

Gary K. Hunter, *Business*, Sales Technology, Relationship-Forging Tasks, and Sales Performance in Business Markets. Under the direction of Professor William D. Perreault Jr.

Subin Im, *Business*, The Model of Effect of Creativity on New Product Success. Under the direction of Professor John P. Workman.

Amber Jessup, *Economics*, Maternal Labor Supply and the Production of Child Health. Under the direction of Professor John Akin.

Juhaeri, *Epidemiology*, Weight Change, Dieting, and Hypertension, The Atheroselerosis Risk in Communities Study. Under the direction of Professor June Stevens.

Elizabeth Dolan Kautz, *English*, The Geography of Melancholy: Depression and Healing in the Works of British Women Writers, 1785 – 1845. Under the direction of Professor Jeanne Moskal.

Robert S. Keller, *Mathematics*, Generic Transitions of Relative Critical Sets in Parametrized Families with Applications to Image Analysis. Under the direction of Professor James Damon.

Susan Kenney Naughton, *Romance Languages*, From Victimization to Retribution: Feminism in Narrative Works by Elena Garro and Laura Esquivel. Under the direction of Professor Alicia Rivero-Potter.

Judith M. Labiner, *Public Policy Analysis*, Increasing the Healthfulness of the School Nutrition Environment. Under the direction of Professor Duncan MacRae.

Barbara A. Laraia, *Nutrition*, Toward a Model of Organizational Effectiveness: A Multiple Case Study of Anti-Hunger Advocacy Organizations. Under the direction of Professor Janice Dodds.

Jonathan Lave, *Economics*, A Model of Transportation Costs and an Assessment of Their Impact on Bilateral Trade. Under the direction of Professor Patrick Conway.

Kuo-Ping Li, *Physics*, Conductance Fluctuation and Metal-Insulator Transition in a Two-Dimensional Electron System. Under the direction of Professor Sean Washburn.

Mikhail Lioubtchenko, *Physics*, High Fluence Ion Implantation in SiC for Fabrication of a Compliant Substrate. Under the direction of Professor Nalin Parikh.

Xiaoyu Liu, *Environmental Sciences and Engineering*, Study of Atmospheric Photooxidation Products and Mechanisms for 1,4-Unsaturated Dicarbonyls and Dienes. Under the direction of Professor Harvey E. Jeffries.

Michael M. Lokshin, *Economics*, Household Child Care Choices and Women's Work Behavior in Russia. Under the direction of Professor David Blau.

Gregory Mark Makris, *Journalism and Mass Communication*, Violence in Online Music Video Clips. Under the direction of Professor Jane Brown.

Michelle Mello, *Health Policy and Administration*, Market Penetration, Biased Selection, and Utilization in Medicare HMOs. Under the direction of Professor Sally C. Stearns.

Lorraine Messinger, *Social Work*, History at the Table: Planning A Comprehensive Community Initiative in the Rural South. Under the direction of Professor Marie O. Weil.

Steven J. Monahan, *Business*, Conservatism, Growth and the Role of Accounting Numbers in the Equity Valuation Process. Under the direction of Professor Wayne Landsman.

Kathryn Elizabeth Moracco, *Health Behavior and Health Education*, Fear of Violence among American Women: Understanding the Context and Determinants of Female Fear. Under the direction of Professor Carol Runyan.

Lisa Ann Morris, *Public Policy Analysis*, Exits, Employment, Earnings and Recidivism among Welfare Recipients in North Carolina, 1995-1998. Under the direction of Professor Michael I. Luger.

John Christopher Mullen, *English*, Thomas More and the Biographical Tradition. Under the direction of Professor Anne D. Hall.

Sergei O. Naoumov, *Physics and Astronomy*, Origins of the Galactic Thick Disk: Two Populations or One? Under the direction of Professor Bruce W. Carney.

Paul William Neufeld, *Education*, Emergent Reading Development of Three First Grade English-as-a-Second-Language Learners. Under the direction of Professors Jill Fitzgerald and David Lillie.

Michael A. Nichols, *Genetics*, The Role of CDK4 and CDK6 in Mammalian Cell Cycle Control. Under the direction of Professor Yue Xiong.

Özgür Özlük, *Operations Research*, The p-cycle Polytope. Under the direction of Professor Mark E. Hartmann.

Karen Lynn Paar, *History*, To Settle is to Conquer: Spaniards, Native Americans, and the Colonization of Santa Elena in Sixteenth-Century Florida. Under the direction of Professor Sarah Chambers.

Francoise Gabrielle Pradel, *Health Policy and Administration*, The Social Environment and Management Skills of Children with Asthma. Under the direction of Professor Abraham G. Hartzema.

Kirk Ridge, *Education*, Rater Halo and Accuracy in a Mathematics Performance Assessment. Under the direction of Professor Wallace Hannum.

Carols Alberto Rojas, *Epidemiology*, Evaluation of a Multifaceted Intervention to Prevent the Transmission of American Cutaneous Leishmaniasis in Colombia. Under the direction of Professor Kristen Weigle.

Bruce Edward Rose, *English*, The Influence of Genre in John Wesley's Journal. Under the direction of Professor Thomas Stumpf.

Lani RoseSan Mateo, *Microbiology*, Role of Periplasmic Copper, Zinc Superoxide Dismutase in Haemophilus ducreyi Pathogenesis. Under the direction of Professor Thomas Kawula.

Victoria Sánchez, *Health Behavior and Health Education*, Capacity Building Coalitions from the Inside Out: A Contextual Analysis of Staff Functions and Skills. Under the direction of Professor Eugenia Eng.

Alenka Šauperl, *Information and Library Science*, Subject Determination during the Cataloging Process. Under the direction of Professor Jerry D. Saye.

Sohini Sengupta, *Health Behavior and Health Education*, Factors Affecting African American Participation in AIDS Research. Under the direciton of Professor Brenda DeVellis.

Marc Laurent Serre, *Environmental Sciences and Engineering*, Environmental Spatiotemporal Mapping and Ground Water Flow Modelling Using the BME and ST Methods. Under the direction of Professor George Christakos.

Marilee Kay Shelton, *Pharmacology*, Hippocampal Astrocytes In Situ Exhibit Ca2+-Coupled Receptors for Neurotransmitters that Modulate Synaptic Transmission. Under the direction of Professor Ken D. McCarthy.

Mark Foster Sistare, *Chemistry*, Mediated Electrochemical Oxidation of Guanine in DNA. Under the direction of Professor H. Holden Thorp.

Annette L. Suing, *Chemistry*, Reactions of Biologically Relevant Organic Molecules with Metal Complexes of Multiply Bonded Ligands. Under the direction of Professor H. Holden Thorp.

Steven A. Svejda, *Chemistry*, Studies of Olefin Dimerization, Oligomerization, Polymerization Catalyzed by Cationic (a-Diimine)Ni(II) Complexes. Under the direction of Professor Maurice Brookhart.

Raymond Russell Swisher, *Sociology*, Neighborhood Effects on Adolescent College Expectations. Under the direction of Professor Glen H. Elder Jr.

Eric Richard Travis, *Chemistry*, Electrochemical Analysis of Chemical Messenger Storage and Release Dynamics in Individual Cells. Under the direction of Professor R. M. Wightman.

Michael Ayers Trotti, *History*, Murder and the Modern Sensibility: Sensationalism and Cultural Change in Richmond, Virginia, from the Victorian Era to the Age of Ragtime. Under the direction of Professor John F. Kasson.

Robert Joseph Turner, *Marine Sciences*, Morphodynamic Relationship Between Beachrock Exposure and Littoral Zone Processes on the West Coast of Puerto Rico. Under the direction of Professor John T. Wells.

Nitaya Vajanapoom, *Epidemiology*, Particulate Air Pollution and Daily Mortality in Bangkok. Under the direction of Professor Carl M. Shy.

Gordana Vlahovic, *Geology*, Seismotectonic Model of the Eastern Tennessee Seismic Zone. Under the direction of Professor Christine A. Powell.

Francis Earl Warnock, *Economics*, Consumption Home Bias in a Two-Country Optimizing Model: Theory and Applications. Under the direction of Professor Stanley W. Black III.

Honghong Wei, *Dentistry*, Functional Domains of Human Lactoferrin Involved in Antibacterial Activities. Under the direction of Professor Roland R. Arnold.

John Michael Welton, *Nursing*, A Comparison of Patient Hospital Outcomes Using Medical Biagnosis and Nursing Diagnosis. Under the direction Professor Edward J. Halloran.

Shitao Yang, *Business*, Positioning Inventory in Distribution Systems with Stochastic Demand. Under the direction of Professor David Clay Whybark.

In-Chul Yeh, *Chemistry*, Molecular Dynamics Computer Simulation Studies of Aqueous Solutions in Clusters, in Bulk, and at Interfaces. Under the direction of Professor Max L. Berkowitz.

Mehmet Taner Yigit, *Economics*, Effects of Inflation Uncertainty on Credit Markets: A Disequilibrium Approach. Under the direction of Professor Richard T. Froyen.

Norihiro Yoshikawa, *Biology*, Morphology and Molecular Analysis of Camellia Japonica L. and Closely Related Taxa from Eastern China. Under the direction of Professor Clifford R. Parks.

Laurel Elizabeth Zeiss, *Music*, Accompanied Recitative in Mozart's Operas: The Chef d'Oeuvre of the Composer's Art. Under the direction of Professor Mark Evan Bonds.

Jin-Ting Zhang, *Statistics*, Smoothed Functional Data Analysis. Under the direction of Professors James S. Marron and Jianqing Fan.

Post Baccalaureate Professional Degrees Graduate and Professional Graduate Degrees August 1999

The School of Law
Established 1843

Juris Doctor

Robert B. Boehner
David Peter Hathaway +
Elizabeth Jane Wolfenden

The School of Medicine
Established 1879

Doctor of Medicine

DeAnne Lolita DeGreäffenreidte
Bobby Johnson Jr.
Gregory Michael Paul

The School of Pharmacy
Established 1897

Doctor of Pharmacy

Michelle Lee Bozovich
Donna Johnson Brooks
Richard Howard Drew
Jennifer Maybin Hamilton
Catherine Ann Miller
Robert Wayne Nelson
Donald Lee Rigdon
Debra Ann Wentz

+ Indicates recipient of the degree of Juris Doctor with Honors, Juris Doctor with High Honors, or Juris Doctor with Highest Honors. The degree of Juris Doctor with Honors is awarded to students who: complete the requirements for the Juris Doctor degree; attain a weighted average grade of 3.0 or more, or the top third, on all law courses taken; and meet a writing requirement of publishable materials. The degree of Juris Doctor with High Honors is awarded to students who complete all requirements for the Juris Doctor with Honors and who, in the judgment of the faculty, have demonstrated superior legal scholarship in their work. In certain instances, the degree of Juris Doctor with Highest Honors may be awarded in recognition of exceptionally high performance.

The School of Dentistry
Established 1949

Doctor of Dental Surgery

Kimberley C. Canton
Franklin Albert Clayton
Trina B. Collins
Matthew Howard Quinlivan
Tara B. Roberson
Jacqueline Brown Smith

The Graduate School
Established 1876

Master of Arts in Anthropology

Daniel E. Duffy

Master of Arts in Art History

Andrea Marie Bottaro
Molly Lynn Cronenwett

Master of Arts in Chemistry

Ailette Aguila
Meghan Mary Murphy

Master of Arts in Classics

Jeffrey Scott Beneker

Master of Arts in Communication Studies

Sarah Kathryn Burgess
Anne Jacobs Caulkins
Christopher Scott Chiron
Allison Lea Howry
Jason Wade Ingram
Renee Aron Lertzman
Julie Anne Odendahl
Donald James Vecchiarello Jr.
Searlet Lee Wynns

Master of Arts in Curriculum and Instruction

John M. Tharp

Master of Arts in Folklore

Nancy Kalow

Master of Arts in Geography

Gabriela Valdivia

Master of Arts in History

Melanie Ann Bailey
Beth Elaine Allison Barr
Oscar Adolfo Chamosa
Terry Diane Mehlman

Master of Arts in Linguistics

Kevin Timothy O'Sullivan

Master of Arts in Mass Communication

Paul Bartholomew Garber
Amy Marie Piniak

Master of Arts in Music

Christina Louise Brandt

Master of Arts in Philosophy

Lorraine Lynne Besser
Thomas Daniel Ryder

Master of Arts in Physical Education

Jamy Malialani Albo
James Russell Berry Jr.
Jessica Maria Bottesch
David Lawrence Brunken
Lori Michelle Cox
Paul Kenneth Israel
Michael Jette Navarre
John Lillington Ross Jr.
Nancy Lorraine Royle
Tamara Stein
Anna Grier Styers

Master of Arts in Political Science

Claudio A. Fuentes
Leah Rose Seppanen

Master of Arts in Psychology

Sliman Julien Bensmaia
Julie Anna Dumas
David Benjamin Flora
Kimberly Ann Wilson

Master of Arts in School Psychology

Mary Morton Barnett

Master of Arts in Slavic Languages

Barohny Eun

Master of Arts in Sociology

Amy Melissa Argue
Jessica Fields
Keri Elaine Iyall Smith

Master of Science in Biomedical Engineering

Matthew Hale Braun

Master of Science in Biostatistics

Signe Britt Hiser
Dawn Michelle Odom
Michelle Lynn Pritchard
Xiang Qin
Brian Christopher Sutton

Master of Science in Chemistry

Sonya NaChelle Burns
Mary Elizabeth Nix
Xiaofan Tang

Master of Science in Computer Science

David Kirk McAllister
Yuqian Tu

Master of Science in Ecology

Rebecca Susan Crist

Master of Science in Economics

Timothy Maurice Diette
David Allan Dubriske
Tamah Chesney Morant
Kimberly Diane Wildner

Master of Science in Endodontics

Athanasia Bletsa
Robert Scott Nance

Master of Science in Enviromental Science and Engineering

Zachariah Emil Adelman
Kristin Kaye Gwin
Lisa M. Hauf
Vitor Pascoal Martins
Jennifer Leigh Mullendore

Master of Science in Materials Science

Atsuko Negishi

Master of Science in Mathematics

Evelyn M. Gordon

Master of Science in Microbiology and Immunology

David Matthew Irlbeck

Master of Science in Occupational Therapy

Stan W Bennett
Amy Nicole Boyd
Haley Diane Colson
Melanie Jean Edwards
Phyllis A. Hayden
Jennifer Jo Humphrey
Alexander Long James Jr.
Susan Hart Leonard
Shannon Pickering Rigsbee
Dawn W. Robbins
Bonnie Elizabeth Seigler
Patricia Ann Shaughnessy
Martha Mary Volpe
Suzanne Wald Wannamaker
Dean Matthew Widrick

Master of Science in Operations Research

Sameer Anand
Xudong Ma
Andrew Timothy Miskell

Master of Science in Orthodontics

William Darrin Engilman
Drew Wayne Fallis
Jacqueline Michelle Malone

Master of Science in Pharmacy

Ping Chen
Trina Jeane Clark
Sally Ann Huston
James Daniel Whisnant III

Master of Science in Physiology

Benjamin Lewis Griffith

Master of Science in Prosthodontics

George J. A. Zarb

Master of Science in Public Health Nursing

Dara Whalen

Master of Science in Rehabilitation Counseling

Suzanne Victoria Zeok

Master of Science in Statistics

Floyd Andrew Bullard
Zarina Gafoor

"Thank you for everything, Carolina. Thank you, professors, for guiding me and challenging me on this journey of intellectual growth. Thank you, Charlotte, for the indispensable assistance. Thank you to all the lifelong friends I met here … you absolutely made this experience what it was. And, thank you to my parents… you made all this possible through your unwavering support. Finally … thank you Lord for giving us this wonderful university."

JEFF GROTHE

Master of Regional Planning

Virginie Joan Nathalie Amerlynck
Denise Maartje Drescher
Benjamin Mutti Grinnell
Sara Margaret Hinkley
Adam Ross Kaufman
Jessica Helms Leveen
Patrick Joseph McMahon
Michael William Narcowich
Derek Allan Peebles
Juliellen Elizabeth Sarver
Steven Nelson West

THE SCHOOL OF EDUCATION

Established 1885

Master of Education

Kimberlee Jo Badalucco
Rachael Ann Z. Benson
Wendy Suzanne Bray
Karen Parker Brown
William Ryan Cummings
Mary Lynn Davis
Devon Onraet Hale
Audrey Lane Harwell
Asa Lampshire Kenworthy
Sara Marie Paris
Brett A. Pines
Kimberly Erin Reykdal
Bobett Leanne Rich
Rebecca Allen Scarlett
Elizabeth Lynn Stern
Blair Tucker Tate
Karen Lynn Temple
David Allen Trent
Latisha Kim Walker
Jeridith Dionne Warren
Robin Marie Woolley

Master of Arts in Teaching

Rana Mustafa Al-Khatib ElOubeidi
Michelle Lee Campbell
Sarah Jean Eirman-Nelson
David Bruce Guild
Ryan Scott Harper
Sara Ruth Hinsley
Shana A. Kahn
John B. Kasprzak
Chiho Kiyozuka
Peter David LaMoreaux
Jacson Gray Lowe
Michael J. Mann

Penny Suzanne Myers
Gwen Pearson Noone
Jennifer Peterson
Nicole Marie Peterson
Ann Elyse Prost
Lee Powell Rand
Jennifer Renda
Tracy Leigh McFalls Robertson
Susan C. Russo
Rose Marie Smith
Stephanie Marie Frazier Smith
Stephen Michael Sonderman
Jeffrey Macklin Swann
Talia Rae Swiney
Martha Fleetwood Tardieu
Catherine Diane Travelute
Audra Marie Valentine
Lauren Beth Vesilind
Christopher Aaron Warnecke
Kelly Wright

The Kenan-Flagler Business School
Established 1919

Master of Accounting

Jamie Elizabeth Allred
Rita Kirit Amin
Jessica Edwards Augustine
Bradley Stephen Austin
Julie Marie Bahrman
Scott Michael Barnett
Wendy Sue Barrus
Adrian James Beasley
Brian Christopher Bolt
Michelle Elizabeth Boyle
Jessica Michele Brokke
Benjamin Vail Butler
Justin Grey Carroll
Carolyn Marie Clemmings
Tracy Janel Coker
Heather Lea Craig
Amy Sinnamon Crary
Sarah Katherine Crawford
Jessica Adeline Danninger
Selena Melissa Dewitya
James Melton Dobson
James Harvey Dunlevy
Michele Suzanne Eager
Rachel Anne Ferguson
Elizabeth Ann Folger
Todd Webb Gaylord
Fiona Anne Gould
Letitia Fowler Granados
Katherine Shearin Griesedieck
Robert Currie Griffith
Scott Gregg Grossman
Jordin Kathryn Guinn
Joel Wyman Hand III
Emily Katherine Hayes
Kristin Elizabeth Horne
Valerie Rachel Hubbard
John Benjamin Huggins
William Preston Humphreys
Craig Michael Ihle
Virginia Holland Johnson
Heather Emily Jones
Emily Elizabeth Jordan
Bryan Hayes Joslin
Shontel Marie Jung
Edward Scott Kenerly
Meredith Lee Keyes
Raja Khanna
Lewis James King
Benjamin Louis Kirchhoff
Chetali Ashok Kuber
Yates Damon Lackey
Oren Mitchell Lang-Furr
Andrew Micah Largen
Richard Emory Lowe Jr.
William Owen Maddux
Adam Paul Maurer
Magan Denise McCrary
Michael Bauer Miller
Stephanie Jane Miller
Douglas Wayne Mishoe
James Clarke Murphy Jr.
Joseph Adrian Norman Jr.
Kimberly Michele O'Pharrow
Sherry Lynne Overton
Theresa Esmeralda Papageorgiou
Scott Donald Phillips
Ashley Brooke Pope
Mary Kent Prewitt
Marla Taylor Randall
Kindle Lanee Samuel
Joseph Edward Sandner IV
Christel L. Sarchet
Simone Theresa Sherlock
Katharine Anne Sigman
Rebecca Anne Slattery
Aimee Kathryn Smith
Ryan Christopher Smith
David Madison-Forbes Stallings
Tony Dee Stallings
James Andrew Stewart
James Snyder Stubbs
Samuel Brown Suttle
Marnie Jennifer Tokaruk
Allen M. Wang
Jennifer Kay Wells
George Marshall Willets IV
Samuel Franklin Williams Jr.
Emily Jane Wilson
Jonathan Charles Windham

Master of Business Administration

Kevin Paul Ames
Preston William Bergen
Maria Leonor Teresa Brousset
Richard J. Callaghan
Alan F. Godfrey
Rodrigo A. Guerrero
Haraldur Andri Haraldsson
Thomas Duncan Mitchell
Don M. Mosier
William Kenan Poole
Shekar A. Rao
John Walter Reid
Donald Edward Segneri
Paula Jean Sims
Elizabeth Sellers Stanfill
William T. Stephens Jr.
Amelia Laura Voglino

The School of Social Work
Established 1920

Master of Social Work

Patricia Bourne Lanier
Daniel Louis Tulanian

The School of Information and Library Science
Established 1931

Master of Science in Information Science

Sheila O'Reilly Denn
Jill Jeanine Kuhn
Michael Mitchell
William Paul Sexton
Edwin Eric Van Duinen
Yangkun Zhang

Master of Science in Library Science

Joshua Evan Boyer
June Darlene Carter
Catherine Elizabeth Clements
Sarah Elizabeth LeMay Giersch
Mitake Anna Holloman
Kimberly Ann Kingsley
Tancya Yvette Koonce
Daniel A. Lahue
Catherine Mary Marsicek
Kerri Camille Meeks
Martha Anne Mullenbach
Ericka J. Patillo
Melanie Kae Polutta
Jane Potter Quigley
Amy JoAn Richard
Timothy Michael Sarraino
David Francis Smith
Matthew Christopher Sylvain
Lindsey Carol Tear
Maria Angela Tsitseras

The School of Public Health
Established 1939

Master of Public Health

Mary Katharine Appicelli
Michele Burke Arce
Elizabeth Rouse Bates
Michael E. Blocker
Lisa Marie Bodnar
Cathleen M. Goldschmid Callahan
Margaret McCleary Cannon
Sucharn Singh Chima
Syed Asif Altaf Chowdhury
Seth Morris Cohen
Benjamin Le Cook
Mary Ellen Cunningham
Nazeera Banu Dawood
Susan D. Denny
Robert G.T. Doherty
Yangchan Dolma
Gary L. Duhon
Jennifer Lipkowitz Eaton
Molly Margaret Eggleston
Rebecca Caryl Elmore
Havila Hadley Erhart
Molly Flanagan
Fatu Forna
Julia Crawford Gamble
Cynthia Marie Gary
Dawn Irene Grant
Jaimala Gupta
Fouad Ibrahim Hassaan
Jessica Jill Hazard
Katharine Carol Herget
Tanya Renee Hicks
Angela Greene Hilsabeck
Stacey Ariel Hoffman
Hayley Balsbaugh Holland
Jennifer Kaye Hudman
Jeanne McDonald Hutson
Md. Nazrul Islam
Timothy J. Joos
Aysel Atli Kahveci
Catherine Pascoe Kaminetzky
Amera Rahman Khan
Shahnaz Begum Khan

Elizabeth Anne Kirschling
Rachid Lamjaimer
Jennifer Heijung Lee
Alyssa Jean Mansfield
Jamila Clarice Martin
Elizabeth Jean McCubrey
Kimberly Erin McCutcheon
Pavitra Mohan
Douangchit Mounghane
Corrine Emily Munoz-Plaza
Beth Lea Orlick
Yvonne Louise Owens Ferguson
Seema Pahariya
Dipti Patel
Rafia Rasul
Saleem Ur Rehman
Verne B. Rinker
Catherine Elizabeth Rutter
Najmus Sahar Sadiq
Ratu Gopal Saha
Naveen Sangwan
Zaharat Ara Tahmina Sarker
Shoib Sarwar
Naomi Eve Schegloff
Rebecca Herring Schweppe
Cara Shea Siano
Brian Aaron Smith
Lisa Vollmer
Yvonne Marie Wasilewski
William Davis Williamson
Mary Anne Wingert
Judy Teresa Zerzan

Master of Science in Enviromental Engineering

Cybele Martin Broekmann
Thom Chaiket

Master of Science in Public Health

Victoria Emile Barghout
Aaron Thomas Fleischauer
Daniel Maclellan Ingram
Lacie Francesca Koppelman
Rachel Beth Kron
Sarah C. Loftus
Heidi E. Lunasin

Master of Healthcare Administration

Peter Anthony Cardinal
Debra Jean Chamra
Mark Stephen Forshag
Carson David Hurt Gilbert
Paul Edwin Glass III
Perry Elizabeth Knight
Phillip Eugene Tarte Jr.
Mark Wallace Thorne

Master of Physical Therapy

Ruffin Phillips Ayers
Carol Phyllis Benjamin
Clarence Ryan Brackett
Michael Alan Chariton
Leah Rebecca Chavez
Martha Marie Cooper
Jason Matthew Denton
Sheryl Hunt Duke
Georgia Orrell Finch
Amy Rae Ford
Rachel Taylor Hoover
Erin McCann Ingram
Tracy Renee Johnson
Abbey Catherine Jones
Laurie Elizabeth King
Erin Elizabeth Koch
Daniel Francis Korfmann
Melissa Lynn Mack
Katherine Susan Meredith
Jean Maxwell Morrison
Michelle Judith Obregon
Victoria L. Peterson
Shirley May Phillips
Jennifer Ann Pikuza
Tracy Lee Prevette
Laurie Ray
Luis Daniel Reveles
Monica Denise Richmond
Stacy Ann Sekely
Sanjay C. Shah
Christie Hargrove Spaugh
Amy Diane Thomas
Kenneth Tuckmantel
Susan Elizabeth Walts
Deborah DeArmas Weber
Sharon Lydia Wolfe
Cheryl Jean Woodside

The School of Nursing

Established 1950

Master of Science in Nursing

Lora Ann Dishman
Michele Johnson Hamilton
Schquthia Fearrington Peacock
Karen B. Saville
Phyllis Ann Swearengen
Wanda J. Thomas
Shannon Diane Wogen-Carlson

UNC-Chapel Hill: The First State University

The University of North Carolina at Chapel Hill originated in the N.C. state constitution of 1776, which proclaimed that "all useful learning shall be duly encouraged and promoted in one or more universities."

Carolina's charter was approved in 1789 and the cornerstone of the first building, Old East, was laid on October 12, 1793. The University annually celebrates Carolina's birth date each October 12. In 1795 the University opened its doors for students.

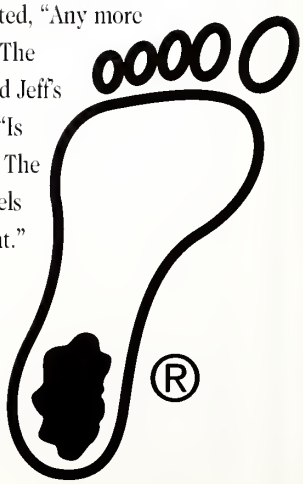
The University of Georgia at Athens also claims the honor of "first state University." Georgia's constitution of 1777 lays no foundation for state-supported higher education. The university was chartered in 1785, four years before UNC, and those who claim the honor of "first state university" for Georgia refer to this date.

North Carolinians contend that a university begins not when chartered, but when students first enroll in instructional programs and use the school's facilities.

The University of Georgia did not open until 1801, six years after Hinton James enrolled as the first student at The University of North Carolina at Chapel Hill. Three years after his arrival Carolina graduated its first class.

Tar Heels

Not only does the University use the nickname "Tar Heels," but the entire state does as well. One version of the nickname's origin has the name first being applied to North Carolinians during the Civil War. One record talks of a battle in Virginia, where their supporting column retreated, but North Carolina troops stood alone to fight successfully. The victorious troops were asked in a condescending tone by some Virginians, who had retreated, "Any more tar down in the Old North State, boys?" The response came quickly: "No; not a bit; old Jeff's bought it all up." The Virginians asked: "Is that so? What is he going to do with it?" The reply: "He is going to put it on you'ns heels to make you stick better in the next fight."



Baccalaureate Degrees August 1999

The College of Arts and Sciences
Established 1793

Bachelor of Arts

Afro-American Studies

Cherie Gail DesAutels
Antawn Cortez Jamison
Nia Malika Lane
Raegan Elise McDonald ++
Jerry Darnell Stackhouse

American Studies

Staci Michelle Andrews
Jessica Ryan Baluss
Frank John Prestopino
Esther Grace White *

Anthropology

Kelly Lynn Davis
Christopher Eugene Hayes
John Cameron Kinlaw
Shelley Quinn Martin
Claire Narensky *
Ashley Elizabeth Reid

Art History

Amanda Leigh Maddern
Elizabeth Davis Materne
Mary Chastaine Post

Biology

Jennifer Lynn Belgum
Lisa Marie Berendsen
Leigh Anne Bray
Jonathan Eugene Bruns
Kevin Scott Carpenter
Gene Raymond Carter Jr.
Sarah Renee Cook
Mary Catherine Dickinson
Jill Elizabeth Landers
Linley Beauvais Lyerly
Eric Landon McDuffie
Neelesh Navnitbhai Patel
Charles Nelson Pyle
Dawn Maureen Reilly
Wellesley Daly Smith
Michael Jill Spake
Leigh Nicole Wrenn

Chemistry

Kimberly Melvine McLaughlin

Communication Studies

Robyn Kierstan Bennett
Robyn Lynn Brallier
Stephanie Ana Brown
Andrew Christian Cameron
Ruthie Chang *
Maria C. Chrysanthou *
Carolyn Ann Clarke *
Marcella Delyn Cooper **
Benjamin Ellis Cox
Rebecca Mary Ewing
Matthew Douglas Frey
Alexander Gilmore III
Elizabeth Rowan Grizzle
Tyler Meredith Hamilton
Justin Daniel Honsch
Malissa A. Jacobs
Alexander Clark Jones
Lauren Rachel Josephsohn
Jennifer Rose Lacoff **
Marcie Melissa Leemore
Melanie Ruth Lindley
Eric Charles Luteavage
Jennifer Anne McPherson +
Christopher Davis Neel
Lucienne Claire Papon *
Jonathan Clay Parkman
Jonathan Drew Phillips
Sara Adele Plonk
Leigh Cheek Raynor
Monica La'Dale Richard
Eric Bryant Ross
Joseph Bradley Sams
Nicole Lea Smith
Timothy Coy Smithwick
Colleen Sabrina Speer
Matthew Donald Sumner
David Phillip Tennant *
David Tucker Voorhees
Sonya Kimberly Weaver
Sarah Lynn Westcott
Rachel Annette Windham

Dramatic Art

Martha Carol Elledge Gabel
Angela Mary Holstein
Stephanie Denise Shepherd
Jennifer Laura Teachey
Penni Danielle Tinsley

Economics

Ashwin Kumar Aggarwal
Jamie Lee Anderson
Thomas Brady Arnold
William Lacy Carr
John Ryan Cheshire
Charles Richard Cooke
Christopher Shawn Crumley
Janet R. Cummings **
Johnny Carmello Ferguson
Brett Brandon Harrison
Paul Harris Lloyd
D. Alexander Mace
Richard Joseph Mann
Courtney Anna McCarley
Robert Turnage Monk III
James Keegan Norris
Jeffrey Robin Rector
Jeremy O'Neil Sellers
William Garner V White

English

Michael Ford Bailey Jr.
William Eric Bryant
Eric Easton Burlingame
Kris Jacob Cerese
Sarah Renee Cook
Michael Christopher Crumpler
Raymond Stewart Ferrell III
Emily Lenora Hutchings
Christopher Crowell Little
Daniel Joseph London II
Barbara Elizabeth Lyezkowski
Michael Pablito Manapol
Andrew David Oehs **
Krista Danielle Scavone
Thomas Foss Seymour
Christine Marie Sheedy
Stephanie Denise Shepherd
Lisa Maxine Simmerson
James Forrest Stevens
Adam Todd Stewart
Charles Marshall Stroscio

Geology

Kara Michele Baldwin
Teresa Elaine Steele

Geography

Misty Leigh Allred
Carol Jacqueline Vann *

German

Susan Kelly Cooper *
Angela Jean Howell

"Even though I'm graduating early, I will never forget my days here, for Carolina will forever be to me, the wonderful people, classes and extracurricular involvement."

Shontel Parker

** Indicates degree with distinction based on GPA. ** Indicates degree with highest distinction based on GPA. + Indicates Honors recipients. ++ Indicates Highest Honors recipients.*

History

Ronald Christopher Benson
Elizabeth Bright Bourne
Matthew James Clawson
Tivo Evan Dunbar
H. Lankford Dunton III
Zachary Keith Fisher
Melanie Anne Ham
Charles Franklin Harmon III
Alexander Henry Jones
Michael McNeely Keeler
D. Alexander Mace
Tatiana Margitic *
Benjamin Alexander Moser
Daniel Francis O'Brien
Michael Brinson Richardson
Alesia K. Stevenson *
Kenneth Eugene Taylor
Brandon Taylor Ward
Brooke Mckinley Webster
Jason Douglas Whitlow

International Studies

Robyn Kierstan Bennett
Amelia Ann Favere +
Michael Ramon O'Brian
Bryan Andrew Page
Amy Denise Patterson ++
Heather Ripley Ruhsam
Kelly Adair Sigmon

Latin American Studies

Erin Nicole Fox

Mathematics

Jonathan Laforrest Andrews
Christopher James Williams

Management and Society

Joshua Curtis Burris
Russell Neil Campbell
Melanie Lynne Capps
Michael Joseph Chorba
Brian Martin Harris
Marlon Jerrod Headen
Sharnell Letishe Johnson
Carla Anne Liles
John Crudup Perry
Preston David Pierce
Chester Bryant Purnell III
Eric Paxton Stinnett
Ashley Suzanne Williams
Shammond Omar Williams
Rodney Ned Wilson

Music

Charles Marshall Stroscio

Philosophy

Anne Gallaghan Bobb *+
Nathan Dore Edgerly
Rashad Hussain **++
Emily Lenora Hutchings
Dawn Maureen Reilly
Leigh Nicole Wrenn

Physical Education

Leslie Ann Alexander
Ashley Sanders Boulware
Leigh Anne Bray
Dan T. Calhoun
Brooke Elizabeth Crawford
Thomas Philip Crump
Sharon Nicole Duncan
Jennifer A. Fiori
Patrick Heath Foggiano
Arleshia Lewis
Jackie LeShaun McIntyre
Paige Anderson Passavant
Rowland Narond Pickett
Tamika Dionne Sims
Allison Camille Thomas *
Charmel A. Wagner

Physics

Jodie Burke Webb

Political Science

Adam Eyuel Aberra
Valerie Michelle Barnes
Joshua Alexander Birbach
William Lacy Carr
Jennifer S. Clark
Jerrell Maurice Dale
Amy Elizabeth Gillis
Charles Edward Greene
Terri Goodman Hogan
Rashad Hussain **
Charlotte L. Levi
Jessica Elizabeth Luty
Jimmy Dwaine Moore
Lucienne Claire Papon *+
Stephanie Gaye Perry
Dana Nicole Quigg
Kortni Eryn Ritter
Ian Benjamin Rose
Benjamin Michael Royster
Mark Allen Sternal
Mary Alice Stevens
Rachel Noriene Swain
David Phillip Tennant *
Stephen George Tucker
Hong Philippe Tzou
Reyna Simone Walters
Brooke Mckinley Webster

Psychology

Brandon Shane Abernathy *
Ashley Noel Barber
Melissa Beth Blizzard
Anne Gallaghan Bobb *
Martha Bohannon Bullock
Brian Dennison Bumgardner
Rene Marie Burkley
James Patrick Chappell
Chastity Nicole Clark
Brooke Elizabeth Crawford
Andreas DiMeo
Sunny Marie Dixon
Cynthia Ruth Edwards
Raymond Stewart Ferrell III
Robert Andrew Freeman
Darren Keith Greenlee
Kimberly Dawn Hawkins
Eva Beate Trebo Heaton
Jennifer Ann Hoover
Lauren Rachel Josephsohn
Jennifer Ann Kelly
Lisa Kay Leonard
Sabrina Renee Lewis
Katharine Ballantine Lightfoot
Amy Nicole Lynch
Vladislav Miransky
Carter Tolson Murdoch
Christopher Davis Neel
Courtney Elizabeth Patterson
June Allison Sherman
Nicole Lea Smith
Tracy Ann Trivette
Thomas Gerald Williams Jr.

Public Policy Analysis

Jamie Sue Chriscoe
Sheryl Gerety *
Delia Negrea Goertzen *+
Catherine Blythe Hedrick
Twylah La'Triece Jenkins
Michael Jeremiah Kozel
Collett Steadman Powell

Peace, War, and Defense

Mary Alice Stevens

Religious Studies

Jane Seales Borden *
Amy Elizabeth Gillis

Romance Languages

Jennifer Rose Lacoff **
Lisa Ashley McCain
Alexandra Margitic
Megan Janet McLean
Jennifer Lee Singletary
Paul Marcus Worley

Sociology

Virginia Susanne Biedler
Ruthie Chang *
Camille Elizabeth Gray
Cerelia La'Velle McNeill
Fontayne Christina Mitas
John David Simpson

Women's Studies

Stephanie Tiele Porter ++
Erin Michelle Vernon

Bachelor of Fine Arts in Studio Art

Angela Nicole Britt ++
Lucious Bernard Oliver

Bachelor of Science in Applied Science

Jennifer Ann Ayres
Ajay Sood

Bachelor of Science in Biology

Mitsi Ann Blount
Stephanie Myriah Brown
James Patterson Brunson
Eric Easton Burlingame
Elizabeth Marie Clayton
Paul Song Cook *
Ria Drapete Danceel **++
Robert Jason Deal
Gerald Fredrick Fisher
Showwoo Suzanna Gaddy
Tori Anne Irvine *
Son Kim Le
Rebecca Dawn Leary
Mariya Makhlina
Sean Michael Marks
Talia Danelle Miller
Sallie Grist Mitchell
Terence Reid Mitchell **++
Christine Doris Mulford
Karen Wolak Murray
Benjamin Eliot Nelson
Tanya Iraide Pallotta
Swetal Subhash Patel

** Indicates degree with distinction based on GPA. ** Indicates degree with highest distinction based on GPA. + Indicates Honors recipients. ++ Indicates Highest Honors recipients.*

Stephanie Preston
Chad David Priest
Heather Marie Rivera *
Nicole Andrea Robinson
Leah Jessica Saturen **
April Kelly Scott *
Jason Lynn Sharpe
Jennifer Leigh Shaw
Gray Rothrock Simmons
Gary Lane Smith
Ginger Renee Smith
Bryan Foster Still
Pamela Ann White

Bachelor of Science in Chemistry

Sun Hee Hwang *

Bachelor of Science in Geology

Melissa Alyson Amentt
Cami Ann Apfelbeck +
Justin Alan Hodge

Bachelor of Science in Mathematical Sciences

James Patrick Wallace

Bachelor of Science in Mathematics

Aimee Renee Holtselaw
Jonathan Veness Woodward

Bachelor of Science in Psychology

Lakshmi Chandrika Murty *++
Cynthia Barrows Stahoviak +

The School of Education

Established 1885

Bachelor of Arts in Education

Teresa Lambe Glenn
Angela Jean Howell
John Holland Leonard
Courtney Anna McCarley

The Kenan-Flagler Business School

Established 1919

Bachelor of Science in Business Administration

William Thomas Achurch
Michael William Dyer
Susan Lynn Ellmore
Kimberly Ann Gardinier
Kavita Mira Gupta
Lillian Elizabeth Hudson *
Yana Litovskaya Kramer
Stephen Vogt Sepaniak
Michael Lynn Sharpe
Melissa Marie Watts

The School of Journalism and Mass Communication

Established 1924

Bachelor of Arts in Journalism and Mass Communication

Leslie Ann Alexander
Jennifer Ann Allenbaugh
Ridgely Jane Bennett
Evan Clay Harris
Mosmi Sharad Naik
Mark Pryor **
Rachel Noriene Swain
Erin Michelle Vernon
Lisa Marie Winterbottom
Christopher Scott Wright

The School of Public Health

Established 1939

Bachelor of Science in Public Health

Yasmeen Fathima Barri
Natalie Wei-May Cheung
Danielle Ashley Leffler
Cristy Marie Skowvron

The School of Dentistry

Established 1949

Bachelor of Science in Dental Hygiene

Latashia Charlene Benton
Keiko Shigeta

The School of Nursing

Established 1950

Bachelor of Science in Nursing

Ashley Gerrald Ellington

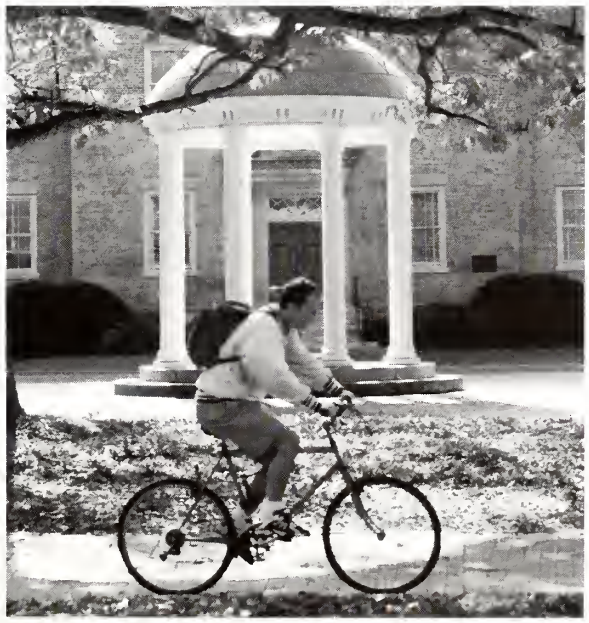
August 1999 Commissioned Officers

United States Army

James P. Brunson

The Old Well

At the heart of the campus stands the visual symbol of The University of North Carolina at Chapel Hill. For many years the Old Well served as the sole water supply for Old East and Old West dormitories. In 1897, the well was given its present decorative form at the direction of President Edwin A. Alderman, who described his beautification project as largely derived from the Temple of Love in the Garden of Versailles. In 1954 the well was given added beauty with brick walks, plantings, and benches. Students can bring good luck with a drink from the Old Well on the first day of classes.



A Message to Carolina's Newest Alumni

The General Alumni Association (GAA), founded in 1843, seeks to involve and inform Carolina alumni in the life of their university. The GAA is a self-governed, nonprofit organization, funded primarily by membership dues. The GAA conducts no fund-raising.

Membership in the GAA is open to all alumni and friends of the University. There are more than 63,000 members, including nearly 29,000 life members. In addition, more than 2,000 students join the GAA each year.

Member rewards include an annual subscription to the award-winning bimonthly *Carolina Alumni Review*, invitations to GAA-sponsored events (class reunions, new alumni reunions, alumni club activities, enrichment programs, weekend seminars, travel programs, etc.), eligibility for group health, life, auto, and home insurance, the Carolina Alumni VISA card, and discounts on Kaplan Prep Test Programs, Carolina merchandise, books, and more. News and information about the GAA can be found on the World Wide Web at alumni.unc.edu.

New graduates may be particularly interested in Alumni Career Services. They include DISCOVER Career Guidance Software, worldwide job hotline numbers, the Alumni Advisor Network, professional consulting, job postings, and many more services.

There are also opportunities to network through alumni club programs. Approximately 80 local Carolina Clubs throughout the United States and abroad provide a variety of activities for Carolina alumni and friends.

The GAA Records Department maintains an alumni database of more than 218,000 living alumni. Please make sure your record is kept up-to-date, including your current mailing address and e-mail address.

The GAA offices are in the George Watts Hill Alumni Center. Located near Kenan Stadium on Stadium Drive, the Alumni Center hosts a variety of GAA programs and activities that serve the University community. The Alumni Center also houses The Carolina Club, a member-supported dining club for alumni, faculty, friends of the University, and staff.

If you have questions or would like to join the GAA, please stop by or call (919) 962-0742 or toll-free number at 1-800-962-0742. The membership e-mail address is membership@unc.edu.

Commencement Committee

Richard J. Richardson, Chair
Willie E. Alston Jr.
Bonnie D. Andrews
Richard N. Andrews
Betty A. Averette
Dana D. Bayley
Laura J. Cartner
Jeremy B. Cohen
Lee Conner
Douglas S. Dibbert
Melissa E. Exum
Joseph S. Ferrell
Jeffrey W. Fuchs
Deborah L. Hawkins
Ronald W. Hyatt
H. Scott Jared
L. Michael Johnson
James R. Kessler
Brenda W. Kirby
David C. Lanier
Danya N. Ledford
Gary R. Lloyd
Jeffrey D. McCracken
Michael B. McFarland
Beverly M. McJunkin
Linda A. Naylor
Derek K. Poarch
William E. Scroggs
Jane C. Smith
Frederick N. Stipe
Edward J. Willis

Credits

Published by the UNC-Chapel Hill offices of Design Services and Publications Services.
Photos by Dan Sears of UNC-Chapel Hill News Services.
Special thanks to the following UNC-Chapel Hill offices: Registrar's Office, Graduate School, News Services, and Printing Services.
This program was printed without the use of state funds.
5,500 copies of this public document were printed at a cost of $4,870 or $0.89 each.

The University of North Carolina at Chapel Hill is a constituent institution of The University of North Carolina.